

JKS Industries	Document Revision Coversheet	Rev: 2	Date: 4/26/2018	Page: 1 of 2	File Name: AP-66 and 66a – Colonial Motel Asbestos Closeout Report
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Date: April 26, 2018	Document Title: AP-66 and 66a – Colonial Motel Asbestos Closeout Report	Document #: 66 SSCR01
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Description of Document:

Asbestos abatement and RBM removal closeout report for the Colonial Manor Motel, AP-66 and 66a

File location/Link to file:

JKS Industries – 2018 Jobs – Job 18 Kiewit Central I-70 3 Series – Job 18-300 Kiewit I-70 East – 7-Closeout – AP-66 and 66A Colonial Motel Asbestos

Date:	Revision #	Revision Description (outline changes)	Approved Initials	Approved Initials
4/4/2018	1	As Released		
4/6/2018	2.1	Added CDPHE Demo permit, foothills test results and documentation, abatement plan, and SSAR from Pinyon Environmental.		LA
4/19/2018	2.2	Removed all fit tests from the certification portion of the report per Kiewit's request.		LA
4/26/2018	2.3	Removed all asbestos physicals from the certification portion of the report per Kiewit's request and added clarification letter explaining what asbestos containing materials were removed from the site.		LA

Close Out Documents

AP-66 and AP-66a: Colonial Manor Motel

Asbestos Abatement

Prepared for:

Kiewit Infrastructure Co.
Attn: Jenn Bradtmueller
160 Inverness Drive West, Suite 110
Englewood CO 80112

Contents:

1. Asbestos Abatement Permit
2. JKS Asbestos Certification
3. JKS Workers' Asbestos Certifications
4. Project Design
 - a. Abatement Plan
 - b. Demolition Plan
 - c. SSAR – Pinyon Environmental
5. Waste Manifests
 - a. Friable Waste Manifests
 - b. Non-Hazardous Waste Manifests
 - c. RBM Waste Manifest
6. OSHA Asbestos Monitoring Documentation
7. Foothills Environmental Results and Documentation
8. Containment Exit/Entry Log
9. JKS Safety Documentation
10. Kiewit Safety Documentation
11. Daily Logs
12. Visitor Sign in Sheet

April 13, 2018

Jenn Bradtmueller
 Kiewit Infrastructure Co.
 160 Inverness Drive West, Suite 110
 Englewood, CO 80112

RE: AP-66 and AP-66A The Colonial Manor Motel – Summary of Removed Asbestos Containing Materials

Dear Jenn,

Below is a summary of the asbestos containing materials (ACM) removed from the Colonial Manor Motel. For more details regarding the location of the materials and the asbestos content please refer to the Multiple Phase Project Schedule Sheet (starting page 3 of the close out report) and Table 3-1 of the Pinyon Environmental SSAR (starting page 245 of the close out report).

Material Removed	Quantity
Pliable window/door caulking	12 SF
Air-o-Cell	8000 LF
Cove Base	20 SF
Vinyl Asbestos Tile (VAT)	470 SF
Sheet vinyl flooring	1320 SF
Thermal System Insulation (TSI)	320 LF
Textured drywall	3900 SF
Paper duct tape seams	8 SF
Hard pack fittings	6 SF
Ceramic tile with grey mastic	700 SF
Exterior window caulking	88 SF
Roof flashing	100 SF
Black cork/TSI	100 LF

If you have any questions or require further information regarding these quantities, please contact me at 303-238-0207.

Sincerely,
JKS Industries, LLC



Jeffrey Knight
 President

1. Asbestos Abatement Permit

MULTIPLE PHASE PROJECT SCHEDULE SHEET

This form must be completed and submitted with each application for a multiple phase permit. In addition, A SEPARATE NOTIFICATION AND PERMIT APPLICATION FORM, INCLUDING WORK PRACTICES AND PROCEDURES, MUST BE SUBMITTED FOR EACH PHASE. If there are any changes, additions or deletions in this schedule, this form must be updated and resubmitted a minimum of ten working days prior to the start of the affected phase(s). If the modification is due to a new phase being added, a separate notification and permit application form must be submitted along with a \$55 notification fee.

PROJECT DESCRIPTION OR NAME	GAC NAME	DATE	PERMIT No. (IF ISSUED)
Colonial Manor Motel (AP-66) 2615 E. 46 th Ave. Denver, CO 80216	JKS Industries	2/01/2017	

PHASE No.	BUILDING/SITE OR ADDRESS	ROOM/LOCATION OF PHASE	WORK DATES		WORK TIMES		AMOUNT TO BE ABATED	TYPE OF MATERIAL TO BE ABATED
			START DATE	END DATE	START TIME	END TIME		
1	Colonial Manor Motel (AP-66) 2615 E. 46 th Ave. Denver, CO 80216	Detached Garage	2/15/2018	2/18/2018	6:30am	5:00pm	12 SF	Window/door pliable caulking
2	Colonial Manor Motel (AP-66) 2615 E. 46 th Ave. Denver, CO 80216	Office-Basement	2/15/2018	2/20/2018	6:30am	5:00pm	2665 LF 20 SF	Air Cell Cove Base
3	Colonial Manor Motel (AP-66) 2615 E. 46 th Ave. Denver, CO 80216	Office-Main	2/15/2018	2/20/2018	6:30am	5:00pm	395 SF	VAT
4	Colonial Manor Motel (AP-66) 2615 E. 46 th Ave. Denver, CO 80216	RM 103 and 104 Kitchen	2/15/2018	2/20/2018	6:30am	5:00pm	200 SF	Sheet vinyl flooring
5	Colonial Manor Motel (AP-66) 2615 E. 46 th Ave. Denver, CO 80216	RM 110 Closet	2/15/2018	2/20/2018	6:30am	5:00pm	75 SF	VAT

6	Colonial Manor Motel (AP-66) 2615 E. 46 th Ave. Denver, CO 80216	RMs 120, 121, 122, 123,124, and 127	2/15/2018	3/2/2018	6:30am	5:00pm	160 LF 1600 SF 4 SF	TSI Textured drywall Paper Duct tape Seams
7	Colonial Manor Motel (AP-66) 2615 E. 46 th Ave. Denver, CO 80216	Basement Boiler	2/26/2018	3/9/2018	6:30am	5:00pm	5000 LF 6 SF	Air-o-cell Hard pack fittings
8	Colonial Manor Motel (AP-66) 2615 E. 46 th Ave. Denver, CO 80216	Basement RM 129	2/26/2018	3/9/2018	6:30am	5:00pm	1000 SF 335 LF	Sheet vinyl flooring Air-o-cell
9	Colonial Manor Motel (AP-66) 2615 E. 46 th Ave. Denver, CO 80216	RM 212	2/26/2018	3/02/2018	6:30am	5:00pm	120 SF	Sheet vinyl flooring
10	Colonial Manor Motel (AP-66) 2615 E. 46 th Ave. Denver, CO 80216	RMs 211, 215, 217, and 218	2/26/2018	3/09/2018	6:30am	5:00pm	400 SF	Ceramic Tile with gray mastic
11	Colonial Manor Motel (AP-66) 2615 E. 46 th Ave. Denver, CO 80216	RMs 228, 229, 230, 231, 232, 233, 234 and 235	3/09/2018	3/19/3028	6:30am	5:00pm	2300 SF 4 SF 160 LF 300 SF	Textured drywall Paper Duct Tape seams TSI associated/radiant heaters Ceramic Tile with gray mastic

12	Colonial Manor Motel (AP-66) 2615 E. 46 th Ave. Denver, CO 80216	Motel - Exterior	3/12/2018	3/19/2018	6:30am	5:00pm	88 SF 100 Sf	Exterior window caulking Roof flashing
13	Colonial Manor Motel (AP-66) 2615 E. 46 th Ave. Denver, CO 80216	Radiant Heaters/All Rooms	2/15/2018	3/19/2018	6:30am	5:00pm	100 LF	Black Cork/TSI

Page ____ of ____

ASBESTOS ABATEMENT PERMIT

This permit is granted subject to Colorado Air Quality Control Commission Regulation No. 8, Part B, adopted December 21, 2007, and effective January 30, 2008, the Colorado Air Pollution Prevention and Control Act (25-7-101 or 25-7-501 et seq., C.R.S.) and the following provisions. It is only for the purpose of allowing asbestos abatement.

ADDITIONAL PERMIT PROVISIONS:

By performing work under this permit the abatement contractor agrees that the Division may revoke or suspend this permit should the Division find that the contractor:

- has violated or has aided and abetted in the violation of 25-7-101 or 25-7-501 et seq., C.R.S. or Regulation No. 8, Part B, or an order of the Division or Commission,
- has failed to meet any permit and notification requirement or failed to correct any violations cited by the Division during any inspection within a reasonable period of time, as may be determined by the Division,
- has used misrepresentation or fraud in obtaining this permit, or,
- has committed any act or omission which does not meet generally accepted standards of the practice of asbestos abatement.

As a contractor, you may be subject to other licenses and permits, depending on the requirements of the county and municipality in which the work is being performed. The Colorado Department of Public Health and Environment, Air Pollution Control Division strongly suggests that you check with county and municipal authorities in order to determine any other local building/permitting requirements that must be met.

THE ORIGINAL PERMIT MUST BE POSTED ON SITE AT ALL TIMES.

Immediately notify the Asbestos/IAQ Unit of project modifications by fax (number above) or e-mail (address above) and the appropriate county health department by fax. Project modifications include changes in the scope of work or the scheduled work dates, etc.

This asbestos abatement permit is valid beginning 2/15/2018 through 11:59 PM on 5/15/2018.

The actual scheduled work dates are from 2/15/2018 through 3/19/2018.

Approval issued on: 2/13/2018

Record number: 134866

Notice Number: 18DE0856A

Variance: None

Comments: None

For the location specified below:

**Colonial Manor Motel (AP66)
Motel & Garage
2615 E. 46th Ave
Denver
Denver County**

This permit has been issued to:

Fee paid: \$800.00

Check number: 4590

Project Supervisor:

Carlos H Luch

Cerification No.: 8293

Project AMS:

Nicolas Vasquez

Cerification No.: 22566

Project Manager:

WAIVED

Certification No.: 15045

JKS Industries, LLC

747 Sheridan Blvd Unit 9A

Lakewood, CO 80214

Issued by: RWJ



ASBESTOS ABATEMENT NOTIFICATION and PERMIT APPLICATION FORM

FEE MUST ACCOMPANY THIS FORM. INCOMPLETE APPLICATIONS WILL BE RETURNED.



Colorado Department
of Public Health
and Environment

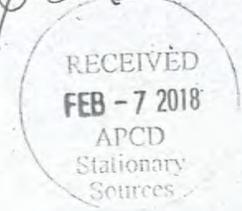
Single Family Residential Dwelling (SFRD) <small>> 50 LF or 32 SF or a 55-gal. drum, but ≤ 260 LF or 160 SF or a 55-gallon drum</small>			Public and Commercial Building, School, and Single-Family Residential Dwelling: > 260 LF or 160 SF or a 55-gallon drum		
[code 200] <input type="checkbox"/>	\$0	Courtesy Notice	[code 100] <input type="checkbox"/>	\$0	Courtesy Notice
[code 205] <input type="checkbox"/>	\$60	Non-Public Access Notice (Opt Out)	[code 105] <input type="checkbox"/>	\$80	Non-Public Access Notice
[code 210] <input type="checkbox"/>	\$60	Notice	[code 110] <input type="checkbox"/>	\$80	Notice
[code 230] <input type="checkbox"/>	\$180	30-Day Permit	[code 130/232] <input type="checkbox"/>	\$400	30-Day P&C/SFRD Permit
[code 290] <input type="checkbox"/>	\$300	90-Day Permit	[code 190/292] <input checked="" type="checkbox"/>	\$800	90-Day P&C/SFRD Permit
[code 265] <input type="checkbox"/>	\$420	365-Day Permit	[code 165/267] <input type="checkbox"/>	\$1200	365-Day P&C/SFRD Permit
[code 180/280] <input type="checkbox"/>	\$55	Notice or Permit Transfer	[code 177] <input type="checkbox"/>	\$80	Phase _____ of Multiple Phase Permit #

Submit form to:
Permit Coordinator
Colorado Dept. of Public Health
and Environment
APCD-IE-B1
4300 Cherry Creek Drive South
Denver, CO 80246-1530
Phone: 303-692-3100
Fax: 303-782-0278
asbestos@state.co.us

Master

Abatement Contractor			Abatement Site			Building Owner			
Company Name JKS Industries			Building Name Colonial Manor Motel (AP66)			Owner Name CDOT			
Street Address 747 Sheridan Blvd. Unit 9A			Specify location in the building where work will take place (e.g. floor, room, wing, etc.) Motel & Garage			Contact Anthony DeVtlio			
City Lakewood	State CO	Zip code 80214	Street Address 2615 E. 46 th Avenue.			Street Address 2000 S. Holly St.			
Telephone # (303) 238-0207	Fax # (303) 238-0452		City Denver	County Denver	Zip code 80216	City Denver	State CO	Zip code 80222	
Project Supervisor Carlos Luch		CO. Cert # 8293	Building Contact Doug Messier		Cell Phone # (817) 320-6749	Telephone # (303) 512-5900		Fax # ()	
Project Personnel			Project Information			Disposal Site			
CO Project Mgr. Name project manager waiver (see form from CDOT)			Start Date 2/15/2018	End Date 3/19/2018		Landfill Name Denver Arapahoe Disposall			
Cell Phone # ()	CO Project Designer #		Start Time 6:30am AM PM	End Time AM 5:00 PM		Street Address 3500 South Gun Club Road			
CO Project Designer Name Daniel Benecke			Check the day(s) of operation: Su M Tu W Th F Sa <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>			City Aurora	State CO	Zip code 80018	
Cell Phone # (303) 232-2660	CO Project Designer # 1947		Emergency? Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	Type of ACM: TSI, Texture, VAT, etc. Air-o-cell, VAT/Mastic, TDW, TSI, Caulking, roof flashing, black cork, ceramic tiles/mastic, cove base, Hard pack fittings, paper duct wrap sheet vinyl flooring			CDPHE Use Only		
Consulting Firm Name Foothills		Registration # 14925	Linear Feet / Type	Square Feet / Type	55 gal. Drums	Postmark or Delivery date 2/1/18		Approved by: <i>[Signature]</i>	

18DEP 856A 134866



Colorado Department of Public Health and Environment
Air Pollution Control Division – Indoor Environment Program – Asbestos/IAQ Unit
4300 Cherry Creek Drive South, APCD-IE-B1
Denver, Colorado 80246-1530
Phone: 303-692-3100 – Fax: 303-782-0278
E-mail: asbestos@state.co.us

ASBESTOS ABATEMENT PERMIT

This permit is granted subject to Colorado Air Quality Control Commission Regulation No. 8, Part B, adopted December 21, 2007, and effective January 30, 2008, the Colorado Air Pollution Prevention and Control Act (25-7-101 or 25-7-501 et seq., C.R.S.) and the following provisions. It is only for the purpose of allowing asbestos abatement.

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THE ORIGINAL PERMIT MUST BE POSTED ON SITE AT ALL TIMES.

Immediately notify the Asbestos/IAQ Unit of project modifications by fax (number above) or e-mail (address above) and the appropriate county health department by fax. Project modifications include changes in the scope of work or the scheduled work dates, etc.

This asbestos abatement permit is valid beginning 2/15/2018 through 11:59 PM on 5/15/2018.

The actual scheduled work dates are from 2/15/2018 through 2/18/2018.

Approval issued on: 2/13/2018

Record number: 134867

Notice Number: 18DE0856A-01

Variance: None

Comments: None

For the location specified below:

**Colonial Manor Motel (AP66)
Detached Garage
2615 E. 46th Ave
Denver
Denver County**

This permit has been issued to:

Fee paid:

Check number:

Project Supervisor:

Carlos H Luch

Cerification No.: 8293

Project AMS:

Nicolas Vasquez

Cerification No.: 22566

Project Manager:

WAIVED

Certification No.: 15045

JKS Industries, LLC

747 Sheridan Blvd Unit 9A

Lakewood, CO 80214

Issued by: RWJ



ASBESTOS ABATEMENT NOTIFICATION and PERMIT APPLICATION FORM

FEE MUST ACCOMPANY THIS FORM. INCOMPLETE APPLICATIONS WILL BE RETURNED.



Colorado Department
of Public Health
and Environment

Single Family Residential Dwelling (SFRD) > 50 LF or 32 SF or a 55-gal. drum, but ≤ 260 LF or 160 SF or a 55-gallon drum	Public and Commercial Building, School, and Single-Family Residential Dwelling: > 260 LF or 160 SF or a 55-gallon drum
[code 200] <input type="checkbox"/> \$0 Courtesy Notice	[code 100] <input type="checkbox"/> \$0 Courtesy Notice
[code 205] <input type="checkbox"/> \$60 Non-Public Access Notice (Opt Out)	[code 105] <input type="checkbox"/> \$80 Non-Public Access Notice
[code 210] <input type="checkbox"/> \$60 Notice	[code 110] <input type="checkbox"/> \$80 Notice
[code 230] <input type="checkbox"/> \$180 30-Day Permit	[code 130/232] <input type="checkbox"/> \$400 30-Day P&C/SFRD Permit
[code 290] <input type="checkbox"/> \$300 90-Day Permit	[code 190/292] <input type="checkbox"/> \$800 90-Day P&C/SFRD Permit
[code 265] <input type="checkbox"/> \$420 365-Day Permit	[code 165/267] <input type="checkbox"/> \$1200 365-Day P&C/SFRD Permit
[code 180/280] <input type="checkbox"/> \$55 Notice or Permit Transfer	[code 177] <input checked="" type="checkbox"/> \$80 Phase <u>1</u> of Multiple Phase Permit # <u>178</u>

Submit form to:
Permit Coordinator
Colorado Dept. of Public Health
and Environment
APCD-IE-B1
4300 Cherry Creek Drive South
Denver, CO 80246-1530
Phone: 303-692-3100
Fax: 303-782-0278
asbestos@state.co.us

Abatement Contractor	Abatement Site	Building Owner	
Company Name 1JKS Industries	Building Name Colonial Manor Motel (AP66)	Owner Name CDOT	
Street Address 747 Sheridan Blvd. Unit 9A	Specify location in the building where work will take place (e.g. floor, room, wing, etc.) Detached Garage	Contact Anthony DeVito	
City Lakewood	Street Address 2615 E. 46 th Avenue.	Street Address 2000 S. Holly St.	
State CO	City Denver	City Denver	
Zip code 80214	County Denver	State CO	
Telephone # (303) 238-0207	Zip code 80216	Zip code 80222	
Fax # (303) 238-0452	Building Contact Doug Messier	Telephone # (303) 512-5900	
Project Supervisor Carlos Luch	Cell Phone # (817) 320-6749	Fax # ()	
CO. Cert # 8293			
Project Personnel		Disposal Site	
CO Project Mgr. Name project manger waiver (see waiver form from CDOT)	Start Date 2/15/2018	Landfill Name Denver Arapahoe Disposal	
Cell Phone # ()	End Date 2/18/2018	Street Address 3500 South Gun Club Road	
CO Project Designer #	Start Time 6:30am AM	City Aurora	
CO Project Designer Name Daniel Benecke	End Time AM 5:00 PM	State CO	
Cell Phone # (303) 232-2660	Check the day(s) of operation: Su M Tu W Th F Sa <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	Zip code 80018	
CO Project Designer # 1947	Emergency? Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	CDPHE Use Only	
Consulting Firm Name Foothills	Type of ACM: TSI, Texture, VAT, etc. gray pliable window/door caulking	Postmark or Delivery date 2/1/18	Approved by:
Registration # 14925	Linear Feet / Type 1	Form of Payment & #	PM req'd? Y N <input checked="" type="radio"/>
A.M.S. Name Nicholas Vasquez	Square Feet / Type 12 SF of window and door caulking	Permit # 151200855A0013486	Date Issued:
Cell Phone # (303) 960-4572	55 gal. Drums	Record #	
CO A.M.S. Cert # 22566			

Please describe below the work practices and procedures to be employed in conducting the abatement of asbestos. **BE SPECIFIC.** Indicate type(s) of ACBM to be abated (e.g. VAT, ceiling tile, TSI, etc.). Use another page if necessary.

This Phase 1 will consist of the removal of approximately 12 SF of window/door caulking seams from the detached garage and will be removed by utilizing hand tools (carpenters hammer, chisel, sledge, and hand razor scraper) with wetting methods (1500 psi airless sprayer and amended water). The window seams will be taped with 3" red tape and glue and covered with six mil poly. A 6mil droppoly will be laid out under each seam to be abated. There will be a tight seal with the building. The material is considered non-friable and will remain non-friable under this work procedures. All work will be in accordance with Colorado Regulation 8 Part B.

Colorado Department of Public Health and Environment
Air Pollution Control Division – Indoor Environment Program – Asbestos/IAQ Unit
4300 Cherry Creek Drive South, APCD-IE-B1
Denver, Colorado 80246-1530
Phone: 303-692-3100 – Fax: 303-782-0278
E-mail: asbestos@state.co.us

ASBESTOS ABATEMENT PERMIT

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Immediately notify the Asbestos/IAQ Unit of project modifications by fax (number above) or e-mail (address above) and the appropriate county health department by fax. Project modifications include changes in the scope of work or the scheduled work dates, etc.

This asbestos abatement permit is valid beginning 2/15/2018 through 11:59 PM on 5/15/2018.

The actual scheduled work dates are from 2/15/2018 through 2/20/2018.

Approval issued on: 2/13/2018

Record number: 134868

Notice Number: 18DE0856A-02

Variance: None

Comments: None

For the location specified below:

Colonial Manor Motel (AP66)
Motel office-Basement
2615 E. 46th Ave
Denver
Denver County

This permit has been issued to:

Fee paid:

Check number:

Project Supervisor:

Carlos H Luch

Cerification No.: 8293

Project AMS:

Nicolas Vasquez

Cerification No.: 22566

Project Manager:

WAIVED

Certification No.: 15045

JKS Industries, LLC

747 Sheridan Blvd Unit 9A

Lakewood, CO 80214

Issued by: RWJ



ASBESTOS ABATEMENT NOTIFICATION and PERMIT APPLICATION FORM

FEE MUST ACCOMPANY THIS FORM. INCOMPLETE APPLICATIONS WILL BE RETURNED.

FEB - 5



Colorado Department
of Public Health
and Environment

Single Family Residential Dwelling (SFRD) > 50 LF or 32 SF or a 55-gal. drum, but ≤ 260 LF or 160 SF or a 55-gallon drum	Public and Commercial Building, School, and Single-Family Residential Dwelling: > 260 LF or 160 SF or a 55-gallon drum	Submit form to: Permit Coordinator Colorado Dept. of Public Health and Environment APCD-IE-B1 4300 Cherry Creek Drive South Denver, CO 80246-1530 Phone: 303-692-3100 Fax: 303-782-0278 asbestos@state.co.us
[code 200] <input type="checkbox"/> \$0 Courtesy Notice	[code 100] <input type="checkbox"/> \$0 Courtesy Notice	
[code 205] <input type="checkbox"/> \$60 Non-Public Access Notice (Opt Out)	[code 105] <input type="checkbox"/> \$80 Non-Public Access Notice	
[code 210] <input type="checkbox"/> \$60 Notice	[code 110] <input type="checkbox"/> \$80 Notice	
[code 230] <input type="checkbox"/> \$180 30-Day Permit	[code 130/232] <input type="checkbox"/> \$400 30-Day P&C/SFRD Permit	
[code 290] <input type="checkbox"/> \$300 90-Day Permit	[code 190/292] <input type="checkbox"/> \$800 90-Day P&C/SFRD Permit	
[code 265] <input type="checkbox"/> \$420 365-Day Permit	[code 165/267] <input type="checkbox"/> \$1200 365-Day P&C/SFRD Permit	
[code 180/280] <input type="checkbox"/> \$55 Notice or Permit Transfer	[code 177] <input checked="" type="checkbox"/> \$80 Phase <u>2</u> of Multiple Phase Permit # <u>178</u>	

Abatement Contractor			Abatement Site			Building Owner		
Company Name JKS Industries			Building Name Colonial Manor Motel (AP66)			Owner Name CDOT		
Street Address 747 Sheridan Blvd. Unit 9A			Specify location in the building where work will take place (e.g. floor, room, wing, etc.) Motel Office-Basement			Contact Anthony DeVito		
City Lakewood	State CO	Zip code 80214	Street Address 2615 E. 46 th Avenue.			Street Address 2000 S. Holly St.		
Telephone # (303) 238-0207	Fax # (303) 238-0452		City Denver	County Denver	Zip code 80216	City Denver	State CO	Zip code 80222
Project Supervisor Carlos Luch		CO. Cert # 8293	Building Contact Doug Messier		Cell Phone # (817) 320-6749	Telephone # (303) 512-5900		Fax # ()
Project Personnel			Project Information			Disposal Site		
CO Project Mgr. Name			Start Date 2/15/2018	End Date 2/20/2018		Landfill Name Denver Arapahoe Disposal		
Cell Phone # ()	CO Project Designer #		Start Time 6:30am AM	End Time AM 5:00 PM		Street Address 3500 South Gun Club Road		
CO Project Designer Name Daniel Benecke			Check the day(s) of operation: Su M Tu W Th F Sa <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>			City Aurora	State CO	Zip code 80018
Cell Phone # (303) 232-2660	CO Project Designer # 1947		Emergency? Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	Type of ACM: TSI, Texture, VAT, etc. Air-o-cell and cove base		CDPHE Use Only		
Consulting Firm Name Foothills		Registration # 14925	Linear Feet / Type 2665 LF/air-o-cell	Square Feet / Type 20 SF of cove base	55 gal. Drums	Postmark or Delivery date 2/1/18		Approved by:
A.M.S. Name Nicholas Vasquez						Form of Payment & #		PM req'd? Y N <input checked="" type="checkbox"/> W
Cell Phone # (303) 960-4572	CO A.M.S. Cert # 22566					Permit # 18220855A	Record # 134808	Date Issued:

Please describe below the work practices and procedures to be employed in conducting the abatement of asbestos. **BE SPECIFIC.** Indicate type(s) of ACBM to be abated (e.g. VAT, ceiling tile, TSI, etc.). Use another page if necessary.

This Phase 2 will consist in removal of friable TSI. 2,665LF of air-o-cell and 20SF of cove base will be performed under a secondary containment with single use individual glovebags. The glovebags will be smoke tested prior to removal and will be done with two workers, wet methods (garden sprayer and amended water) and HEPA vacuum. When the glovebags are done being removed the remaining pipes will be double wrapped in 6mil poly and cut into 8ft lengths with proper labels, asbestos stickers and class 9 stickers. The secondary containment will have an adjacent clean room with a HEPA vacuum for decontamination of personnel. The secondary containment will be inspected and cleared by a State Certified AMS.

Colorado Department of Public Health and Environment
Air Pollution Control Division – Indoor Environment Program – Asbestos/IAQ Unit
4300 Cherry Creek Drive South, APCD-IE-B1
Denver, Colorado 80246-1530
Phone: 303-692-3100 – Fax: 303-782-0278
E-mail: asbestos@state.co.us

ASBESTOS ABATEMENT PERMIT

This permit is granted subject to Colorado Air Quality Control Commission Regulation No. 8, Part B, adopted December 21, 2007, and effective January 30, 2008, the Colorado Air Pollution Prevention and Control Act (25-7-101 or 25-7-501 et seq., C.R.S.) and the following provisions. It is only for the purpose of allowing asbestos abatement.

ADDITIONAL PERMIT PROVISIONS:

By performing work under this permit the abatement contractor agrees that the Division may revoke or suspend this permit should the Division find that the contractor:

- has violated or has aided and abetted in the violation of 25-7-101 or 25-7-501 et seq., C.R.S. or Regulation No. 8, Part B, or an order of the Division or Commission,
- has failed to meet any permit and notification requirement or failed to correct any violations cited by the Division during any inspection within a reasonable period of time, as may be determined by the Division,
- has used misrepresentation or fraud in obtaining this permit, or,
- has committed any act or omission which does not meet generally accepted standards of the practice of asbestos abatement.

As a contractor, you may be subject to other licenses and permits, depending on the requirements of the county and municipality in which the work is being performed. The Colorado Department of Public Health and Environment, Air Pollution Control Division strongly suggests that you check with county and municipal authorities in order to determine any other local building/permitting requirements that must be met.

THE ORIGINAL PERMIT MUST BE POSTED ON SITE AT ALL TIMES.

Immediately notify the Asbestos/IAQ Unit of project modifications by fax (number above) or e-mail (address above) and the appropriate county health department by fax. Project modifications include changes in the scope of work or the scheduled work dates, etc.

This asbestos abatement permit is valid beginning 2/15/2018 through 11:59 PM on 5/15/2018.

The actual scheduled work dates are from 2/15/2018 through 2/20/2018.

Approval issued on: 2/13/2018

Record number: 134869

Notice Number: 18DE0856A-03

Variance: None

Comments: None

For the location specified below:

Colonial Manor Motel (AP66)
Motel office-Basement
2615 E. 46th Ave
Denver
Denver County

This permit has been issued to:

Fee paid:

Check number:

Project Supervisor:

Carlos H Luch

Cerification No.: 8293

Project AMS:

Nicolas Vasquez

Cerification No.: 22566

Project Manager:

WAIVED

Certification No.: 15045

JKS Industries, LLC

747 Sheridan Blvd Unit 9A

Lakewood, CO 80214

Issued by: RWJ



ASBESTOS ABATEMENT NOTIFICATION and PERMIT APPLICATION FORM

FEE MUST ACCOMPANY THIS FORM. INCOMPLETE APPLICATIONS WILL BE RETURNED.

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Solutions
Section



Colorado Department
of Public Health
and Environment

Single Family Residential Dwelling (SFRD) > 50 LF or 32 SF or a 55-gal. drum, but ≤ 260 LF or 160 SF or a 55-gallon drum	Public and Commercial Building, School, and Single-Family Residential Dwelling: > 260 LF or 160 SF or a 55-gallon drum
[code 200] <input type="checkbox"/> \$0 Courtesy Notice	[code 100] <input type="checkbox"/> \$0 Courtesy Notice
[code 205] <input type="checkbox"/> \$60 Non-Public Access Notice (Opt Out)	[code 105] <input type="checkbox"/> \$80 Non-Public Access Notice
[code 210] <input type="checkbox"/> \$60 Notice	[code 110] <input type="checkbox"/> \$80 Notice
[code 230] <input type="checkbox"/> \$180 30-Day Permit	[code 130/232] <input type="checkbox"/> \$400 30-Day P&C/SFRD Permit
[code 290] <input type="checkbox"/> \$300 90-Day Permit	[code 190/292] <input type="checkbox"/> \$800 90-Day P&C/SFRD Permit
[code 265] <input type="checkbox"/> \$420 365-Day Permit	[code 165/267] <input type="checkbox"/> \$1200 365-Day P&C/SFRD Permit
[code 180/280] <input type="checkbox"/> \$55 Notice or Permit Transfer	[code 177] <input checked="" type="checkbox"/> \$80 Phase <u>5</u> of Multiple Phase Permit # <u>178</u>

Submit form to:
Permit Coordinator
Colorado Dept. of Public Health
and Environment
APCD-IE-B1
4300 Cherry Creek Drive South
Denver, CO 80246-1530
Phone: 303-692-3100
Fax: 303-782-0278
asbestos@state.co.us

Abatement Contractor			Abatement Site			Building Owner		
Company Name JKS Industries			Building Name Colonial Manor Motel (AP66)			Owner Name CDOT		
Street Address 747 Sheridan Blvd. Unit 9A			Specify location in the building where work will take place (e.g. floor, room, wing, etc.) Motel Office-Main			Contact Anthony DeVito		
City Lakewood	State CO	Zip code 80214	Street Address 2615 E. 46 th Avenue.			Street Address 2000 S. Holly St.		
Telephone # (303) 238-0207	Fax # (303) 238-0452		City Denver	County Denver	Zip code 80216	City Denver	State CO	Zip code 80222
Project Supervisor Carlos Luch		CO. Cert # 8293	Building Contact Doug Messier		Cell Phone # (817) 320-6749	Telephone # (303) 512-5900		Fax # ()
Project Personnel			Project Information			Disposal Site		
CO Project Mgr. Name <i>waived</i>			Start Date 2/15/2018	End Date 2/20/2018		Landfill Name Denver Arapahoe Disposall		
Cell Phone #	CO Project Designer #		Start Time 6:30am AM	End Time AM 5:00 PM		Street Address 3500 South Gun Club Road		
CO Project Designer Name Daniel Benecke			Check the day(s) of operation: Su M Tu W Th F Sa <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>			City Aurora	State CO	Zip code 80018
Cell Phone # (303) 232-2660	CO Project Designer # 1947		Emergency? Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	Type of ACM: TSI, Texture, VAT, etc. VAT		CDPHE Use Only		
Consulting Firm Name Foothills		Registration # 14925	Linear Feet / Type	Square Feet / Type 395 SF of VAT	55 gal. Drums	Postmark or Delivery date 2/1/18		Approved by: <i>[Signature]</i>
A.M.S. Name Nicholas Vasquez						Form of Payment & #		PM req'd? Y N <input checked="" type="radio"/> W
Cell Phone # (303) 960-4572	CO A.M.S. Cert # 22566					Permit # 18120856A0513181	Record #	Date Issued:

Please describe below the work practices and procedures to be employed in conducting the abatement of asbestos. **BE SPECIFIC.** Indicate type(s) of ACM to be abated (e.g. VAT, ceiling tile, TSI, etc.). Use another page if necessary.
This Phase 3 will consist in removal of 395 SF of non-friable VAT/black mastic will be removed under a secondary containment with hand tools (spud bars, crow bars, and chisels) and wet methods (1500 psi airless sprayer and amended water). The secondary containment will have an adjacent clean room with a HEPA vacuum for decontamination of personnel. The secondary containment will be inspected and cleared by a State Certified AMS. This material is considered non-friable and will remain non-friable thru out the removal and disposal process.

Colorado Department of Public Health and Environment
Air Pollution Control Division – Indoor Environment Program – Asbestos/IAQ Unit
4300 Cherry Creek Drive South, APCD-IE-B1
Denver, Colorado 80246-1530
Phone: 303-692-3100 – Fax: 303-782-0278
E-mail: asbestos@state.co.us

ASBESTOS ABATEMENT PERMIT

This permit is granted subject to Colorado Air Quality Control Commission Regulation No. 8, Part B, adopted December 21, 2007, and effective January 30, 2008, the Colorado Air Pollution Prevention and Control Act (25-7-101 or 25-7-501 et seq., C.R.S.) and the following provisions. It is only for the purpose of allowing asbestos abatement.

ADDITIONAL PERMIT PROVISIONS:

By performing work under this permit the abatement contractor agrees that the Division may revoke or suspend this permit should the Division find that the contractor:

- has violated or has aided and abetted in the violation of 25-7-101 or 25-7-501 et seq., C.R.S. or Regulation No. 8, Part B, or an order of the Division or Commission,
- has failed to meet any permit and notification requirement or failed to correct any violations cited by the Division during any inspection within a reasonable period of time, as may be determined by the Division,
- has used misrepresentation or fraud in obtaining this permit, or,
- has committed any act or omission which does not meet generally accepted standards of the practice of asbestos abatement.

As a contractor, you may be subject to other licenses and permits, depending on the requirements of the county and municipality in which the work is being performed. The Colorado Department of Public Health and Environment, Air Pollution Control Division strongly suggests that you check with county and municipal authorities in order to determine any other local building/permitting requirements that must be met.

THE ORIGINAL PERMIT MUST BE POSTED ON SITE AT ALL TIMES.

Immediately notify the Asbestos/IAQ Unit of project modifications by fax (number above) or e-mail (address above) and the appropriate county health department by fax. Project modifications include changes in the scope of work or the scheduled work dates, etc.

This asbestos abatement permit is valid beginning 2/15/2018 through 11:59 PM on 5/15/2018.

The actual scheduled work dates are from 2/15/2018 through 2/20/2018.

Approval issued on: 2/13/2018

Record number: 134870

Notice Number: 18DE0856A-04

Variance: None

Comments: None

For the location specified below:

Colonial Manor Motel (AP66)
RM 103 & 104 kitchen
2615 E. 46th Ave
Denver
Denver County

This permit has been issued to:

Fee paid:

Check number:

Project Supervisor:

Carlos H Luch

Cerification No.: 8293

Project AMS:

Nicolas Vasquez

Cerification No.: 22566

Project Manager:

WAIVED

Certification No.: 15045

JKS Industries, LLC

747 Sheridan Blvd Unit 9A

Lakewood, CO 80214

Issued by: RWJ



ASBESTOS ABATEMENT NOTIFICATION and PERMIT APPLICATION FORM

FEE MUST ACCOMPANY THIS FORM. INCOMPLETE APPLICATIONS WILL BE RETURNED.



**Colorado Department
of Public Health
and Environment**

Single Family Residential Dwelling (SFRD) > 50 LF or 32 SF or a 55-gal. drum, but ≤ 260 LF or 160 SF or a 55-gallon drum			Public and Commercial Building, School, and Single-Family Residential Dwelling: > 260 LF or 160 SF or a 55-gallon drum		
[code 200] <input type="checkbox"/>	\$0	Courtesy Notice	[code 100] <input type="checkbox"/>	\$0	Courtesy Notice
[code 205] <input type="checkbox"/>	\$60	Non-Public Access Notice (Opt Out)	[code 105] <input type="checkbox"/>	\$80	Non-Public Access Notice
[code 210] <input type="checkbox"/>	\$60	Notice	[code 110] <input type="checkbox"/>	\$80	Notice
[code 230] <input type="checkbox"/>	\$180	30-Day Permit	[code 130/232] <input type="checkbox"/>	\$400	30-Day P&C/SFRD Permit
[code 290] <input type="checkbox"/>	\$300	90-Day Permit	[code 190/292] <input type="checkbox"/>	\$800	90-Day P&C/SFRD Permit
[code 265] <input type="checkbox"/>	\$420	365-Day Permit	[code 165/267] <input type="checkbox"/>	\$1200	365-Day P&C/SFRD Permit
[code 180/280] <input type="checkbox"/>	\$55	Notice or Permit Transfer	[code 177] <input checked="" type="checkbox"/>	\$80	Phase <u>4</u> of Multiple Phase Permit #
			178		

Submit form to:
Permit Coordinator
Colorado Dept. of Public Health
and Environment
APCD-IE-B1
4300 Cherry Creek Drive South
Denver, CO 80246-1530
Phone: 303-692-3100
Fax: 303-782-0278
asbestos@state.co.us

Abatement Contractor			Abatement Site			Building Owner		
Company Name JKS Industries			Building Name Colonial Manor Motel (AP66)			Owner Name CDOT		
Street Address 747 Sheridan Blvd. Unit 9A			Specify location in the building where work will take place (e.g. floor, room, wing, etc.) RM 103 and 104 Kitchen			Contact Anthony DeVito		
City Lakewood	State CO	Zip code 80214	Street Address 2615 E. 46 th Avenue.			Street Address 2000 S. Holly St.		
Telephone # (303) 238-0207	Fax # (303) 238-0452		City Denver	County Denver	Zip code 80216	City Denver	State CO	Zip code 80222
Project Supervisor Carlos Luch		CO. Cert # 8293	Building Contact Doug Messier		Cell Phone # (817) 320-6749	Telephone # (303) 512-5900		Fax # ()
Project Personnel			Project Information			Disposal Site		
CO Project Mgr. Name project manager waiver (see form from CDOT)			Start Date 2/15/2018	End Date 2/20/2018		Landfill Name Denver Arapahoe Disposal		
Cell Phone # ()	CO Project Designer #		Start Time 6:30am AM	End Time AM 5:00 PM		Street Address 3500 South Gun Club Road		
CO Project Designer Name Daniel Benecke			Check the day(s) of operation: Su M Tu W Th F Sa <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>			City Aurora	State CO	Zip code 80018
Cell Phone # (303) 232-2660	CO Project Designer # 1947		Emergency? Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	Type of ACM: TSI, Texture, VAT, etc. sheet vinyl flooring (lino)		CDPHE Use Only		
Consulting Firm Name Foothills		Registration # 14925	Linear Feet / Type	Square Feet / Type 200SF/Sheet vinyl flooring	55 gal. Drums	Postmark or Delivery date 2/11/18	Approved by: 	
A.M.S. Name Nicholas Vasquez						Form of Payment & #	PM req'd? Y N <input checked="" type="radio"/> W	
Cell Phone # (303) 960-4572	CO A.M.S. Cert # 22566					Permit # 18120855A-04-131870	Record #	Date Issued:

Please describe below the work practices and procedures to be employed in conducting the abatement of asbestos. **BE SPECIFIC.** Indicate type(s) of ACBM to be abated (e.g. VAT, ceiling tile, TSI, etc.). Use another page if necessary.

This Phase 4 will consist in removal of 200SF of friable sheet vinyl flooring and will be removed using small hand tools (carpenters hammer, cats claw, crow bar and chisels) the material will be kept wet (1500 psi airless sprayer with amended water) with in a full containment. The full containments will employ negative air pressure greater than -.02cw, a fully functional decon, 1'x1' view port and two chamber waste loadout. All work will be in accordance with Colorado Regulation #8 Part B. The full conatinment will be inspected and cleared by a State Certified AMS.

ASBESTOS ABATEMENT PERMIT

This permit is granted subject to Colorado Air Quality Control Commission Regulation No. 8, Part B, adopted December 21, 2007, and effective January 30, 2008, the Colorado Air Pollution Prevention and Control Act (25-7-101 or 25-7-501 et seq., C.R.S.) and the following provisions. It is only for the purpose of allowing asbestos abatement.

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THE ORIGINAL PERMIT MUST BE POSTED ON SITE AT ALL TIMES.

Immediately notify the Asbestos/IAQ Unit of project modifications by fax (number above) or e-mail (address above) and the appropriate county health department by fax. Project modifications include changes in the scope of work or the scheduled work dates, etc.

This asbestos abatement permit is valid beginning 2/15/2018 through 11:59 PM on 5/15/2018.

The actual scheduled work dates are from 2/15/2018 through 2/20/2018.

Approval issued on: 2/13/2018

Record number: 134871

Notice Number: 18DE0856A-05

Variance: None

Comments: None

For the location specified below:

Colonial Manor Motel (AP66)
RM 110 closet
2615 E. 46th Ave
Denver
Denver County

This permit has been issued to:

Fee paid:

Check number:

Project Supervisor:

Carlos H Luch

Cerification No.: 8293

Project AMS:

Nicolas Vasquez

Cerification No.: 22566

Project Manager:

WAIVED

Certification No.: 15045

JKS Industries, LLC

747 Sheridan Blvd Unit 9A

Lakewood, CO 80214

Issued by: RWJ



ASBESTOS ABATEMENT NOTIFICATION and PERMIT APPLICATION FORM

FEE MUST ACCOMPANY THIS FORM. INCOMPLETE APPLICATIONS WILL BE RETURNED.



Colorado Department
of Public Health
and Environment

Single Family Residential Dwelling (SFRD) > 50 LF or 32 SF or a 55-gal. drum, but ≤ 260 LF or 160 SF or a 55-gallon drum			Public and Commercial Building, School, and Single-Family Residential Dwelling: > 260 LF or 160 SF or a 55-gallon drum		
[code 200] <input type="checkbox"/>	\$0	Courtesy Notice	[code 100] <input type="checkbox"/>	\$0	Courtesy Notice
[code 205] <input type="checkbox"/>	\$60	Non-Public Access Notice (Opt Out)	[code 105] <input type="checkbox"/>	\$80	Non-Public Access Notice
[code 210] <input type="checkbox"/>	\$60	Notice	[code 110] <input type="checkbox"/>	\$80	Notice
[code 230] <input type="checkbox"/>	\$180	30-Day Permit	[code 130/232] <input type="checkbox"/>	\$400	30-Day P&C/SFRD Permit
[code 290] <input type="checkbox"/>	\$300	90-Day Permit	[code 190/292] <input type="checkbox"/>	\$800	90-Day P&C/SFRD Permit
[code 265] <input type="checkbox"/>	\$420	365-Day Permit	[code 165/267] <input type="checkbox"/>	\$1200	365-Day P&C/SFRD Permit
[code 180/280] <input type="checkbox"/>	\$55	Notice or Permit Transfer	[code 177] <input checked="" type="checkbox"/>	\$80	Phase <u>5</u> of Multiple Phase Permit # <u>178</u>

Submit form to:
Permit Coordinator
Colorado Dept. of Public Health
and Environment
APCD-IE-B1
4300 Cherry Creek Drive South
Denver, CO 80246-1530
Phone: 303-692-3100
Fax: 303-782-0278
asbestos@state.co.us

RECEIVED
FEB - 7 2018
APCD

Abatement Contractor			Abatement Site			Building Owner		
Company Name JKS Industries			Building Name Colonial Manor Motel (AP66)			Owner Name CDOT		
Street Address 747 Sheridan Blvd. Unit 9A			Specify location in the building where work will take place (e.g. floor, room, wing, etc.) RM 110 Closet			Contact Anthony DeVito		
City Lakewood	State CO	Zip code 80214	Street Address 2615 E. 46 th Avenue.			Street Address 2000 S. Holly St.		
Telephone # (303) 238-0207	Fax # (303) 238-0452		City Denver	County Denver	Zip code 80216	City Denver	State CO	Zip code 80222
Project Supervisor Carlos Luch		CO. Cert # 8293	Building Contact Doug Messier		Cell Phone # (817) 320-6749	Telephone # (303) 512-5900		Fax # ()
Project Personnel			Project Information			Disposal Site		
CO Project Mgr. Name			Start Date 2/15/2018	End Date 2/20/2018		Landfill Name Denver Arapahoe Disposall		
Cell Phone # ()	CO Project Designer #		Start Time 6:30am AM	End Time AM 5:00 PM		Street Address 3500 South Gun Club Road		
CO Project Designer Name Daniel Benecke			Check the day(s) of operation: Su M Tu W Th F Sa <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>			City Aurora	State CO	Zip code 80018
Cell Phone # (303) 232-2660	CO Project Designer # 1947		Emergency? Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	Type of ACM: TSI, Texture, VAT, etc. VAT		CDPHE Use Only		
Consulting Firm Name Foothills		Registration # 14925	Linear Feet / Type	Square Feet / Type 75 SF of VAT	55 gal. Drums	Postmark or Delivery date 2/1/18		Approved by:
A.M.S. Name Nicholas Vasquez						Form of Payment & #		PM req'd? Y N <input checked="" type="radio"/> W
Cell Phone # (303) 960-4572	CO A.M.S. Cert # 22566					Permit # 181200856405	Record # 13407	Date Issued:

Please describe below the work practices and procedures to be employed in conducting the abatement of asbestos. **BE SPECIFIC.** Indicate type(s) of ACBM to be abated (e.g. VAT, ceiling tile, TSI, etc.). Use another page if necessary.

This Phase 5 will consist in removal of 75 SF of non-friable VAT will be removed under a secondary containment with hand tools (spud bars, crow bars, and chisels) and wet methods (1500 psi airless sprayer and amended water). The secondary containment will have an adjacent clean room with a HEPA vacuum for decontamination of personnel. The secondary containment will be inspected and cleared by a State Certified AMS. This material is considered non-friable and will remain non-friable thru out the removal and disposal process.

ASBESTOS ABATEMENT PERMIT

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- has failed to meet any permit and notification requirement or failed to correct any violations cited by the Division during any inspection within a reasonable period of time, as may be determined by the Division,
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THE ORIGINAL PERMIT MUST BE POSTED ON SITE AT ALL TIMES.

Immediately notify the Asbestos/IAQ Unit of project modifications by fax (number above) or e-mail (address above) and the appropriate county health department by fax. Project modifications include changes in the scope of work or the scheduled work dates, etc.

This asbestos abatement permit is valid beginning 2/15/2018 through 11:59 PM on 5/15/2018.
The actual scheduled work dates are from 2/15/2018 through 3/2/185.

Approval issued on: 2/13/2018
Record number: 134872

Fee paid:
Check number:

Notice Number: 18DE0856A-06

Variance: None
Comments: None

Project Supervisor:
Carlos H Luch
Certification No.: 8293

For the location specified below:

Colonial Manor Motel (AP66)
RM 120,121,122,123,124,125,127
2615 E. 46th Ave
Denver
Denver County

Project AMS:
Nicolas Vasquez
Certification No.: 22566

Project Manager:
WAIVED
Certification No.: 15045

This permit has been issued to:

JKS Industries, LLC
747 Sheridan Blvd Unit 9A
Lakewood, CO 80214

Issued by: RWJ



ASBESTOS ABATEMENT NOTIFICATION and PERMIT APPLICATION FORM

FEE MUST ACCOMPANY THIS FORM. INCOMPLETE APPLICATIONS WILL BE RETURNED.



Colorado Department
of Public Health
and Environment

RECEIVED
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APCD

Single Family Residential Dwelling (SFRD) > 50 LF or 32 SF or a 55-gal. drum, but ≤ 260 LF or 160 SF or a 55-gallon drum	Public and Commercial Building, School, and Single-Family Residential Dwelling: > 260 LF or 160 SF or a 55-gallon drum
[code 200] <input type="checkbox"/> \$0 Courtesy Notice	[code 100] <input type="checkbox"/> \$0 Courtesy Notice
[code 205] <input type="checkbox"/> \$60 Non-Public Access Notice (Opt Out)	[code 105] <input type="checkbox"/> \$80 Non-Public Access Notice
[code 210] <input type="checkbox"/> \$60 Notice	[code 110] <input type="checkbox"/> \$80 Notice
[code 230] <input type="checkbox"/> \$180 30-Day Permit	[code 130/232] <input type="checkbox"/> \$400 30-Day P&C/SFRD Permit
[code 290] <input type="checkbox"/> \$300 90-Day Permit	[code 190/292] <input type="checkbox"/> \$800 90-Day P&C/SFRD Permit
[code 265] <input type="checkbox"/> \$420 365-Day Permit	[code 165/267] <input type="checkbox"/> \$1200 365-Day P&C/SFRD Permit
[code 180/280] <input type="checkbox"/> \$55 Notice or Permit Transfer	[code 177] <input checked="" type="checkbox"/> \$80 Phase <u>0</u> of Multiple Phase Permit # <u>178</u>

Submit form to:
Permit Coordinator
Colorado Dept. of Public Health
and Environment
APCD-IE-B1
4300 Cherry Creek Drive South
Denver, CO 80246-1530
Phone: 303-692-3100
Fax: 303-782-0278
asbestos@state.co.us

Abatement Contractor			Abatement Site			Building Owner			
Company Name JKS Industries			Building Name Colonial Manor Motel (AP66)			Owner Name CDOT			
Street Address 747 Sheridan Blvd. Unit 9A			Specify location in the building where work will take place (e.g. floor, room, wing, etc.) RMS 120, 121, 122, 123, 124, 125, 127			Contact Anthony DeVito			
City Lakewood	State CO	Zip code 80214	Street Address 2615 E. 46 th Avenue.			Street Address 2000 S. Holly St.			
Telephone # (303) 238-0207	Fax # (303) 238-0452		City Denver	County Denver	Zip code 80216	City Denver	State CO	Zip code 80222	
Project Supervisor Carlos Luch		CO. Cert # 8293 ✓	Building Contact Doug Messier		Cell Phone # (817) 320-6749	Telephone # (303) 512-5900		Fax # ()	
Project Personnel			Project Information			Disposal Site			
CO Project Mgr. Name			Start Date 2/15/2018	End Date 3/2/2018		Landfill Name Denver Arapahoe Disposall			
Cell Phone # ()	CO Project Designer #		Start Time 6:30am AM PM	End Time AM 5:00 PM		Street Address 3500 South Gun Club Road			
CO Project Designer Name Daniel Benecke			Check the day(s) of operation: Su M Tu W Th F Sa <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>			City Aurora	State CO	Zip code 80018	
Cell Phone # (303) 232-2660	CO Project Designer # 1947 ✓		Emergency? Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	Type of ACM: TSI, Texture, VAT, etc. Air-o-cell, VAT/Mastic, TDW, TSI,			CDPHE Use Only		
Consulting Firm Name Foothills		Registration # 14925 ✓	Linear Feet / Type 100LF of TSI associated with radiant heater	Square Feet / Type 1604 SF total 1600SF/Textured drywall 4 SF of paper duct tape seams	55 gal. Drums		Postmark or Delivery date 2/1/18	Approved by: 	
A.M.S. Name Nicholas Vasquez						Form of Payment & # —		PM req'd? Y N <input checked="" type="radio"/> W	
Cell Phone # (303) 960-4572	CO A.M.S. Cert # 22566 ✓					Permit # 181201855A06	Record # 134872	Date Issued:	

Please describe below the work practices and procedures to be employed in conducting the abatement of asbestos. **BE SPECIFIC.** Indicate type(s) of ACBM to be abated (e.g. VAT, ceiling tile, TSI, etc.): Use another page if necessary.

This Phase 6 will consist in removal of friable materials; 100LF of TSI associated with radiant heaters, 1600 SF of textured drywall and 4 SF of paper duct tape seams. The friable materials will be removed using small hand tools (carpenters hammer, cats claw, crow bar and chisels) the material will be kept wet (1500 psi airless sprayer with amended water) The full containments will employ negative air pressure greater than -0.02cw, a fully functional decon, 1'x1' view port and two chamber waste loadout. All work will be in accordance with Colorado Regulation #8 Part B. The full containment will be inspected and cleared by a State Certified AMS.

ASBESTOS ABATEMENT PERMIT

This permit is granted subject to Colorado Air Quality Control Commission Regulation No. 8, Part B, adopted December 21, 2007, and effective January 30, 2008, the Colorado Air Pollution Prevention and Control Act (25-7-101 or 25-7-501 et seq., C.R.S.) and the following provisions. It is only for the purpose of allowing asbestos abatement.

ADDITIONAL PERMIT PROVISIONS:

By performing work under this permit the abatement contractor agrees that the Division may revoke or suspend this permit should the Division find that the contractor:

- has violated or has aided and abetted in the violation of 25-7-101 or 25-7-501 et seq., C.R.S. or Regulation No. 8, Part B, or an order of the Division or Commission,
- has failed to meet any permit and notification requirement or failed to correct any violations cited by the Division during any inspection within a reasonable period of time, as may be determined by the Division,
- has used misrepresentation or fraud in obtaining this permit, or,
- has committed any act or omission which does not meet generally accepted standards of the practice of asbestos abatement.

As a contractor, you may be subject to other licenses and permits, depending on the requirements of the county and municipality in which the work is being performed. The Colorado Department of Public Health and Environment, Air Pollution Control Division strongly suggests that you check with county and municipal authorities in order to determine any other local building/permitting requirements that must be met.

THE ORIGINAL PERMIT MUST BE POSTED ON SITE AT ALL TIMES.

Immediately notify the Asbestos/IAQ Unit of project modifications by fax (number above) or e-mail (address above) and the appropriate county health department by fax. Project modifications include changes in the scope of work or the scheduled work dates, etc.

This asbestos abatement permit is valid beginning 2/15/2018 through 11:59 PM on 5/15/2018.

The actual scheduled work dates are from 2/26/2018 through 3/9/2018.

Approval issued on: 2/13/2018

Record number: 134873

Notice Number: 18DE0856A-07

Variance: None

Comments: None

For the location specified below:

Colonial Manor Motel (AP66)
Boiler-basement
2615 E. 46th Ave
Denver
Denver County

This permit has been issued to:

JKS Industries, LLC
747 Sheridan Blvd Unit 9A
Lakewood, CO 80214

Fee paid:

Check number:

Project Supervisor:

Carlos H Luch

Cerification No.: 8293

Project AMS:

Nicolas Vasquez

Cerification No.: 22566

Project Manager:

WAIVED

Certification No.: 15045

Issued by: RWJ



ASBESTOS ABATEMENT NOTIFICATION and PERMIT APPLICATION FORM

FEE MUST ACCOMPANY THIS FORM. INCOMPLETE APPLICATIONS WILL BE RETURNED.

RECEIVED
FEB - 7 2018
APCD



Colorado Department
of Public Health
and Environment

Single Family Residential Dwelling (SFRD) <small>> 50 LF or 32 SF or a 55-gal. drum, but ≤ 260 LF or 160 SF or a 55-gallon drum</small>			Public and Commercial Building, School, and Single-Family Residential Dwelling: > 260 LF or 160 SF or a 55-gallon drum		
[code 200] <input type="checkbox"/>	\$0	Courtesy Notice	[code 100] <input type="checkbox"/>	\$0	Courtesy Notice
[code 205] <input type="checkbox"/>	\$60	Non-Public Access Notice (Opt Out)	[code 105] <input type="checkbox"/>	\$80	Non-Public Access Notice
[code 210] <input type="checkbox"/>	\$60	Notice	[code 110] <input type="checkbox"/>	\$80	Notice
[code 230] <input type="checkbox"/>	\$180	30-Day Permit	[code 130/232] <input type="checkbox"/>	\$400	30-Day P&C/SFRD Permit
[code 290] <input type="checkbox"/>	\$300	90-Day Permit	[code 190/292] <input type="checkbox"/>	\$800	90-Day P&C/SFRD Permit
[code 265] <input type="checkbox"/>	\$420	365-Day Permit	[code 165/267] <input type="checkbox"/>	\$1200	365-Day P&C/SFRD Permit
[code 180/280] <input type="checkbox"/>	\$55	Notice or Permit Transfer	[code 177] <input checked="" type="checkbox"/>	\$80	Phase 7 of Multiple Phase Permit #
			178		

Submit form to:
 Permit Coordinator
 Colorado Dept. of Public Health
 and Environment
 APCD-IE-B1
 4300 Cherry Creek Drive South
 Denver, CO 80246-1530
 Phone: 303-692-3100
 Fax: 303-782-0278
 asbestos@state.co.us

Abatement Contractor			Abatement Site			Building Owner			
Company Name JKS Industries			Building Name Colonial Manor Motel (AP66)			Owner Name CDOT			
Street Address 747 Sheridan Blvd. Unit 9A			Specify location in the building where work will take place (e.g. floor, room, wing, etc.) Boiler-Basement			Contact Anthony DeVito			
City Lakewood	State CO	Zip code 80214	Street Address 2615 E. 46 th Avenue.			Street Address 2000 S. Holly St.			
Telephone # (303) 238-0207	Fax # (303) 238-0452		City Denver	County Denver	Zip code 80216	City Denver	State CO	Zip code 80222	
Project Supervisor Carlos Luch		CO. Cert # 8293	Building Contact Doug Messier		Cell Phone # (817) 320-6749	Telephone # (303) 512-5900		Fax # ()	
Project Personnel			Project Information			Disposal Site			
CO Project Mgr. Name project manager waiver (see form from CDOT)			Start Date 2/26/2018	End Date 3/9/2018		Landfill Name Denver Arapahoe Disposal			
Cell Phone # ()	CO Project Designer #		Start Time 6:30am AM	End Time AM 5:00 PM		Street Address 3500 South Gun Club Road			
CO Project Designer Name Daniel Benecke			Check the day(s) of operation: Su M Tu W Th F Sa <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>			City Aurora	State CO	Zip code 80018	
Cell Phone # (303) 232-2660	CO Project Designer # 1947		Emergency? Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	Type of ACM: TSI, Texture, VAT, etc. Air-o-cell and hard pack fittings			CDPHE Use Only		
Consulting Firm Name Foothills		Registration # 14925	Linear Feet / Type 5000 LF/air-o-cell	Square Feet / Type 6SF hard pack fittings	55 gal. Drums		Postmark or Delivery date 2/11/18		Approved by:
A.M.S. Name Nicholas Vasquez						Form of Payment & #		PM req'd? Y N <input checked="" type="radio"/> W	
Cell Phone # (303) 960-4572	CO A.M.S. Cert # 22566					Permit # 18D00856A-0710-18		Date Issued:	

Please describe below the work practices and procedures to be employed in conducting the abatement of asbestos. **BE SPECIFIC.** Indicate type(s) of ACBM to be abated (e.g. VAT, ceiling tile, TSI, etc.). Use another page if necessary.

This Phase 7 will consist in removal of friable TSI. 5,000 LF of air-o-cell and 6SF of hard pack fittings will be performed under a secondary containment with single use individual glovebags. The glovebags will be smoke tested prior to removal and will be done with two workers, wet methods (garden sprayer and amended water) and HEPA vacuum. When the glovebags are done being removed the remaining pipes will be double wrapped in 6mil poly and cut into 8ft lengths with proper labels, asbestos stickers and class 9 stickers. The secondary containment will have an adjacent clean room with a HEPA vacuum for decontamination of personnel. The secondary containment will be inspected and cleared by a State Certified AMS.

Colorado Department of Public Health and Environment
Air Pollution Control Division – Indoor Environment Program – Asbestos/IAQ Unit
4300 Cherry Creek Drive South, APCD-IE-B1
Denver, Colorado 80246-1530
Phone: 303-692-3100 – Fax: 303-782-0278
E-mail: asbestos@state.co.us

ASBESTOS ABATEMENT PERMIT

This permit is granted subject to Colorado Air Quality Control Commission Regulation No. 8, Part B, adopted December 21, 2007, and effective January 30, 2008, the Colorado Air Pollution Prevention and Control Act (25-7-101 or 25-7-501 et seq., C.R.S.) and the following provisions. It is only for the purpose of allowing asbestos abatement.

ADDITIONAL PERMIT PROVISIONS:

By performing work under this permit the abatement contractor agrees that the Division may revoke or suspend this permit should the Division find that the contractor:

- has violated or has aided and abetted in the violation of 25-7-101 or 25-7-501 et seq., C.R.S. or Regulation No. 8, Part B, or an order of the Division or Commission,
- has failed to meet any permit and notification requirement or failed to correct any violations cited by the Division during any inspection within a reasonable period of time, as may be determined by the Division,
- has used misrepresentation or fraud in obtaining this permit, or,
- has committed any act or omission which does not meet generally accepted standards of the practice of asbestos abatement.

As a contractor, you may be subject to other licenses and permits, depending on the requirements of the county and municipality in which the work is being performed. The Colorado Department of Public Health and Environment, Air Pollution Control Division strongly suggests that you check with county and municipal authorities in order to determine any other local building/permitting requirements that must be met.

THE ORIGINAL PERMIT MUST BE POSTED ON SITE AT ALL TIMES.

Immediately notify the Asbestos/IAQ Unit of project modifications by fax (number above) or e-mail (address above) and the appropriate county health department by fax. Project modifications include changes in the scope of work or the scheduled work dates, etc.

This asbestos abatement permit is valid beginning 2/15/2018 through 11:59 PM on 5/15/2018.

The actual scheduled work dates are from 2/26/2018 through 3/9/2018.

Approval issued on: 2/13/2018

Record number: 134874

Notice Number: 18DE0856A-08

Variance: None

Comments: None

For the location specified below:

Colonial Manor Motel (AP66)
Basement RM 129
2615 E. 46th Ave
Denver
Denver County

This permit has been issued to:

Fee paid:

Check number:

Project Supervisor:

Carlos H Luch

Cerification No.: 8293

Project AMS:

Nicolas Vasquez

Cerification No.: 22566

Project Manager:

WAIVED

Certification No.: 15045

JKS Industries, LLC

747 Sheridan Blvd Unit 9A

Lakewood, CO 80214

Issued by: RWJ



ASBESTOS ABATEMENT NOTIFICATION and PERMIT APPLICATION FORM

FEE MUST ACCOMPANY THIS FORM. INCOMPLETE APPLICATIONS WILL BE RETURNED.

RECEIVED
FEB - 6 2018
APCD



Colorado Department
of Public Health
and Environment

Single Family Residential Dwelling (SFRD) > 50 LF or 32 SF or a 55-gal. drum, but ≤ 260 LF or 160 SF or a 55-gallon drum	Public and Commercial Building, School, and Single-Family Residential Dwelling: > 260 LF or 160 SF or a 55-gallon drum	Submit form to: Permit Coordinator Colorado Dept. of Public Health and Environment APCD-IE-B1 4300 Cherry Creek Drive South Denver, CO 80246-1530 Phone: 303-692-3100 Fax: 303-782-0278 asbestos@state.co.us
[code 200] <input type="checkbox"/> \$0 Courtesy Notice	[code 100] <input type="checkbox"/> \$0 Courtesy Notice	
[code 205] <input type="checkbox"/> \$60 Non-Public Access Notice (Opt Out)	[code 105] <input type="checkbox"/> \$80 Non-Public Access Notice	
[code 210] <input type="checkbox"/> \$60 Notice	[code 110] <input type="checkbox"/> \$80 Notice	
[code 230] <input type="checkbox"/> \$180 30-Day Permit	[code 130/232] <input type="checkbox"/> \$400 30-Day P&C/SFRD Permit	
[code 290] <input type="checkbox"/> \$300 90-Day Permit	[code 190/292] <input type="checkbox"/> \$800 90-Day P&C/SFRD Permit	
[code 265] <input type="checkbox"/> \$420 365-Day Permit	[code 165/267] <input type="checkbox"/> \$1200 365-Day P&C/SFRD Permit	
[code 180/280] <input type="checkbox"/> \$55 Notice or Permit Transfer	[code 177] <input checked="" type="checkbox"/> \$80 Phase <u>8</u> of Multiple Phase Permit # <u>178</u>	

Abatement Contractor			Abatement Site			Building Owner			
Company Name JKS Industries			Building Name Colonial Manor Motel (AP66)			Owner Name CDOT			
Street Address 747 Sheridan Blvd. Unit 9A			Specify location in the building where work will take place (e.g. floor, room, wing, etc.) Basement RM 129			Contact Anthony DeVito			
City Lakewood	State CO	Zip code 80214	Street Address 2615 E. 46 th Avenue.			Street Address 2000 S. Holly St.			
Telephone # (303) 238-0207	Fax # (303) 238-0452		City Denver	County Denver	Zip code 80216	City Denver	State CO	Zip code 80222	
Project Supervisor Carlos Luch		CO. Cert # 8293	Building Contact Doug Messier		Cell Phone # (817) 320-6749	Telephone # (303) 512-5900		Fax # ()	
Project Personnel			Project Information			Disposal Site			
CO Project Mgr. Name project manager waiver (see form from CDOT)			Start Date 2/26/2018	End Date 3/9/2018		Landfill Name Denver Arapahoe Disposal			
Cell Phone # ()	CO Project Designer #		Start Time 6:30am AM	End Time AM 5:00 PM		Street Address 3500 South Gun Club Road			
CO Project Designer Name Daniel Benecke			Check the day(s) of operation: Su M Tu W Th F Sa <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>			City Aurora	State CO	Zip code 80018	
Cell Phone # (303) 232-2660	CO Project Designer # 1947		Emergency? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Type of ACM: TSI, Texture, VAT, etc. air-o-cel and sheet vinyl flooring (lino)			CDPHE Use Only		
Consulting Firm Name Foothills		Registration # 14925	Linear Feet / Type 335 LF of air-o-cell	Square Feet / Type 1000SF/Sheet vinyl flooring	55 gal. Drums	Postmark or Delivery date 2/1/18	Approved by: 		
A.M.S. Name Nicholas Vasquez						Form of Payment & #	PM req'd? Y N <input checked="" type="radio"/> W		
Cell Phone # (303) 960-4572	CO A.M.S. Cert # 22566					Permit # 18120856A08134874	Record #	Date Issued:	

Please describe below the work practices and procedures to be employed in conducting the abatement of asbestos. **BE SPECIFIC.** Indicate type(s) of ACM to be abated (e.g. VAT, ceiling tile, TSI, etc.). Use another page if necessary.

This Phase 8 will consist in removal of 1000SF of friable sheet vinyl flooring and 335 LF of air-o-cell will be removed using small hand tools (carpenters hammer, cats claw, crow bar and chisels) the material will be kept wet (1500 psi airless sprayer with amended water) with in a full containment. The full containments will employ negative air pressure greater than -0.02cw, a fully functional decon, 1'x1' view port and two chamber waste loadout. All work will be in accordance with Colorado Regulation #8 Part B. The full conatinment will be inspected and cleared by a State Certified AMS.

Colorado Department of Public Health and Environment
Air Pollution Control Division – Indoor Environment Program – Asbestos/IAQ Unit
4300 Cherry Creek Drive South, APCD-IE-B1
Denver, Colorado 80246-1530
Phone: 303-692-3100 – Fax: 303-782-0278
E-mail: asbestos@state.co.us

ASBESTOS ABATEMENT PERMIT

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ADDITIONAL PERMIT PROVISIONS:

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THE ORIGINAL PERMIT MUST BE POSTED ON SITE AT ALL TIMES.

Immediately notify the Asbestos/IAQ Unit of project modifications by fax (number above) or e-mail (address above) and the appropriate county health department by fax. Project modifications include changes in the scope of work or the scheduled work dates, etc.

This asbestos abatement permit is valid beginning 2/15/2018 through 11:59 PM on 5/15/2018.

The actual scheduled work dates are from 2/26/2018 through 3/2/2018.

Approval issued on: 2/13/2018

Record number: 134875

Notice Number: 18DE0856A-09

Variance: None

Comments: None

For the location specified below:

Colonial Manor Motel (AP66)
RM 212
2615 E. 46th Ave
Denver
Denver County

This permit has been issued to:

Fee paid:

Check number:

Project Supervisor:

Carlos H Luch

Cerification No.: 8293

Project AMS:

Nicolas Vasquez

Cerification No.: 22566

Project Manager:

WAIVED

Certification No.: 15045

JKS Industries, LLC

747 Sheridan Blvd Unit 9A

Lakewood, CO 80214

Issued by: RWJ



ASBESTOS ABATEMENT NOTIFICATION and PERMIT APPLICATION FORM

FEE MUST ACCOMPANY THIS FORM. INCOMPLETE APPLICATIONS WILL BE RETURNED.

RECEIVED
FEB - 7 2018
APCD
SUBMIT



Colorado Department
of Public Health
and Environment

Single Family Residential Dwelling (SFRD) > 50 LF or 32 SF or a 55-gal. drum, but ≤ 260 LF or 160 SF or a 55-gallon drum	Public and Commercial Building, School, and Single-Family Residential Dwelling: > 260 LF or 160 SF or a 55-gallon drum
[code 200] <input type="checkbox"/> \$0 Courtesy Notice	[code 100] <input type="checkbox"/> \$0 Courtesy Notice
[code 205] <input type="checkbox"/> \$60 Non-Public Access Notice (Opt Out)	[code 105] <input type="checkbox"/> \$80 Non-Public Access Notice
[code 210] <input type="checkbox"/> \$60 Notice	[code 110] <input type="checkbox"/> \$80 Notice
[code 230] <input type="checkbox"/> \$180 30-Day Permit	[code 130/232] <input type="checkbox"/> \$400 30-Day P&C/SFRD Permit
[code 290] <input type="checkbox"/> \$300 90-Day Permit	[code 190/292] <input type="checkbox"/> \$800 90-Day P&C/SFRD Permit
[code 265] <input type="checkbox"/> \$420 365-Day Permit	[code 165/267] <input type="checkbox"/> \$1200 365-Day P&C/SFRD Permit
[code 180/280] <input type="checkbox"/> \$55 Notice or Permit Transfer	[code 177] <input checked="" type="checkbox"/> \$80 Phase 9 of Multiple Phase Permit # <u>175</u>

Submit form to:
Permit Coordinator
Colorado Dept. of Public Health
and Environment
APCD-IE-B1
4300 Cherry Creek Drive South
Denver, CO 80246-1530
Phone: 303-692-3100
Fax: 303-782-0278
asbestos@state.co.us

Abatement Contractor			Abatement Site			Building Owner			
Company Name JKS Industries			Building Name Colonial Manor Motel (AP66)			Owner Name CDOT			
Street Address 747 Sheridan Blvd. Unit 9A			Specify location in the building where work will take place (e.g. floor, room, wing, etc.) RM 212			Contact Anthony DeVito			
City Lakewood	State CO	Zip code 80214	Street Address 2615 E. 46 th Avenue.			Street Address 2000 S. Holly St.			
Telephone # (303) 238-0207	Fax # (303) 238-0452		City Denver	County Denver	Zip code 80216	City Denver	State CO	Zip code 80222	
Project Supervisor Carlos Luch		CO. Cert # 8293	Building Contact Doug Messier		Cell Phone # (817) 320-6749	Telephone # (303) 512-5900		Fax # ()	
Project Personnel			Project Information			Disposal Site			
CO Project Mgr. Name project manager waiver (see form from CDOT)			Start Date 2/26/2018	End Date 3/02/2018		Landfill Name Denver Arapahoe Disposall			
Cell Phone # ()	CO Project Designer #		Start Time 6:30am AM	End Time AM 5:00 PM		Street Address 3500 South Gun Club Road			
CO Project Designer Name Daniel Benecke			Check the day(s) of operation: Su M Tu W Th F Sa <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>			City Aurora	State CO	Zip code 80018	
Cell Phone # (303) 232-2660	CO Project Designer # 1947		Emergency? Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	Type of ACM: TSI, Texture, VAT, etc. sheet vinyl flooring (lino)			CDPHE Use Only		
Consulting Firm Name Foothills		Registration # 14925	Linear Feet / Type	Square Feet / Type .120 SF/Sheet vinyl flooring	55 gal. Drums	Postmark or Delivery date 2/1/18		Approved by: 	
A.M.S. Name Nicholas Vasquez						Form of Payment & #		PM req'd? Y N <input checked="" type="radio"/> W	
Cell Phone # (303) 960-4572	CO A.M.S. Cert # 22566					Permit # 18DP0856A-M-15/18		Date Issued:	

Please describe below the work practices and procedures to be employed in conducting the abatement of asbestos. **BE SPECIFIC.** Indicate type(s) of ACBM to be abated (e.g. VAT, ceiling tile, TSI, etc.). Use another page if necessary.

This Phase 9 will consist in removal of 120SF of friable sheet vinyl flooring and will be removed using small hand tools (carpenters hammer, cats claw, crow bar and chisels) the material will be kept wet (1500 psi airless sprayer with amended water) with in a full containment. The full containments will employ negative air pressure greater than -0.02cw, a fully functional decon, 1'x1' view port and two chamber waste loadout. All work will be in accordance with Colorado Regulation #8 Part B. The full conatinment will be inspected and cleared by a State Certified AMS.

Colorado Department of Public Health and Environment
Air Pollution Control Division – Indoor Environment Program – Asbestos/IAQ Unit
4300 Cherry Creek Drive South, APCD-IE-B1
Denver, Colorado 80246-1530
Phone: 303-692-3100 – Fax: 303-782-0278
E-mail: asbestos@state.co.us

ASBESTOS ABATEMENT PERMIT

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Immediately notify the Asbestos/IAQ Unit of project modifications by fax (number above) or e-mail (address above) and the appropriate county health department by fax. Project modifications include changes in the scope of work or the scheduled work dates, etc.

This asbestos abatement permit is valid beginning 2/15/2018 through 11:59 PM on 5/15/2018.

The actual scheduled work dates are from 2/26/2018 through 3/9/2018.

Approval issued on: 2/13/2018

Record number: 134876

Notice Number: 18DE0856A-10

Variance: None

Comments: None

For the location specified below:

Colonial Manor Motel (AP66)
RM 211,215,218,218 t
2615 E. 46th Ave
Denver
Denver County

This permit has been issued to:

Fee paid:

Check number:

Project Supervisor:

Carlos H Luch

Cerification No.: 8293

Project AMS:

Nicolas Vasquez

Cerification No.: 22566

Project Manager:

WAIVED

Certification No.: 15045

JKS Industries, LLC

747 Sheridan Blvd Unit 9A

Lakewood, CO 80214

Issued by: RWJ



ASBESTOS ABATEMENT NOTIFICATION and PERMIT APPLICATION FORM

FEE MUST ACCOMPANY THIS FORM. INCOMPLETE APPLICATIONS WILL BE RETURNED.



Colorado Department
of Public Health
and Environment

Single Family Residential Dwelling (SFRD) > 50 LF or 32 SF or a 55-gal. drum, but ≤ 260 LF or 160 SF or a 55-gallon drum	Public and Commercial Building, School, and Single-Family Residential Dwelling: > 260 LF or 160 SF or a 55-gallon drum	Submit form to: Permit Coordinator Colorado Dept. of Public Health and Environment APCD-IE-B1 4300 Cherry Creek Drive South Denver, CO 80246-1530 Phone: 303-692-3100 Fax: 303-782-0278 asbestos@state.co.us
[code 200] <input type="checkbox"/> \$0 Courtesy Notice	[code 100] <input type="checkbox"/> \$0 Courtesy Notice	
[code 205] <input type="checkbox"/> \$60 Non-Public Access Notice (Opt Out)	[code 105] <input type="checkbox"/> \$80 Non-Public Access Notice	
[code 210] <input type="checkbox"/> \$60 Notice	[code 110] <input type="checkbox"/> \$80 Notice	
[code 230] <input type="checkbox"/> \$180 30-Day Permit	[code 130/232] <input type="checkbox"/> \$400 30-Day P&C/SFRD Permit	
[code 290] <input type="checkbox"/> \$300 90-Day Permit	[code 190/292] <input type="checkbox"/> \$800 90-Day P&C/SFRD Permit	
[code 265] <input type="checkbox"/> \$420 365-Day Permit	[code 165/267] <input type="checkbox"/> \$1200 365-Day P&C/SFRD Permit	
[code 180/280] <input type="checkbox"/> \$55 Notice or Permit Transfer	[code 177] <input checked="" type="checkbox"/> \$80 Phase <u>10</u> of Multiple Phase Permit #	

Abatement Contractor			Abatement Site			Building Owner		
Company Name JKS Industries			Building Name Colonial Manor Motel (AP66)			Owner Name CDOT		
Street Address 747 Sheridan Blvd. Unit 9A			Specify location in the building where work will take place (e.g. floor, room, wing, etc.) RMs 211, 215, 217 and 218 t			Contact Anthony DeVilo		
City Lakewood	State CO	Zip code 80214	Street Address 2615 E. 46 th Avenue.			Street Address 2000 S. Holly St.		
Telephone # (303) 238-0207	Fax # (303) 238-0452		City Denver	County Denver	Zip code 80216	City Denver	State CO	Zip code 80222
Project Supervisor Carlos Luch		CO. Cert # 8293	Building Contact Doug Messier		Cell Phone # (817) 320-6749	Telephone # (303) 512-5900		Fax # ()
Project Personnel			Project Information			Disposal Site		
CO Project Mgr. Name project manager waiver (see form from CDOT)			Start Date 2/26/2018	End Date 3/09/2018		Landfill Name Denver Arapahoe Disposall		
Cell Phone # ()	CO Project Designer #		Start Time 6:30am AM	End Time AM 5:00 PM		Street Address 3500 South Gun Club Road		
CO Project Designer Name Daniel Benecke			Check the day(s) of operation: Su M Tu W Th F Sa <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>			City Aurora	State CO	Zip code 80018
Cell Phone # (303) 232-2660	CO Project Designer # 1947		Emergency? Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	Type of ACM: TSI, Texture, VAT, etc. ceramic tiles with gray mastic		CDPHE Use Only		
Consulting Firm Name Foothills		Registration # 14925	Linear Feet / Type	Square Feet / Type	55 gal. Drums	Postmark or Delivery date 2/1/18		Approved by:
A.M.S. Name Nicholas Vasquez			400 SF of ceramic tile with gray mastic			Form of Payment & #		PM req'd? Y N <input checked="" type="checkbox"/> W
Cell Phone # (303) 960-4572	CO A.M.S. Cert # 22566					Permit # 18P001856A10.134876		Record #

Please describe below the work practices and procedures to be employed in conducting the abatement of asbestos. **BE SPECIFIC.** Indicate type(s) of ACM to be abated (e.g. VAT, ceiling tile, TSI, etc.). Use another page if necessary.

This Phase 10 will consist in removal of 400 SF of non-friable ceramic tiles with associated gray mastic will be removed under a secondary containment with hand tools (spud bars, crow bars, and chisels) and wet methods (1500 psi airless sprayer and amended water). The secondary containment will have an adjacent clean room with a HEPA vacuum for decontamination of personnel. The secondary containment will be inspected and cleared by a State Certified AMS.

Colorado Department of Public Health and Environment
Air Pollution Control Division – Indoor Environment Program – Asbestos/IAQ Unit
4300 Cherry Creek Drive South, APCD-IE-B1
Denver, Colorado 80246-1530
Phone: 303-692-3100 – Fax: 303-782-0278
E-mail: asbestos@state.co.us

ASBESTOS ABATEMENT PERMIT

This permit is granted subject to Colorado Air Quality Control Commission Regulation No. 8, Part B, adopted December 21, 2007, and effective January 30, 2008, the Colorado Air Pollution Prevention and Control Act (25-7-101 or 25-7-501 et seq., C.R.S.) and the following provisions. It is only for the purpose of allowing asbestos abatement.

ADDITIONAL PERMIT PROVISIONS:

By performing work under this permit the abatement contractor agrees that the Division may revoke or suspend this permit should the Division find that the contractor:

- has violated or has aided and abetted in the violation of 25-7-101 or 25-7-501 et seq., C.R.S. or Regulation No. 8, Part B, or an order of the Division or Commission,
- has failed to meet any permit and notification requirement or failed to correct any violations cited by the Division during any inspection within a reasonable period of time, as may be determined by the Division,
- has used misrepresentation or fraud in obtaining this permit, or,
- has committed any act or omission which does not meet generally accepted standards of the practice of asbestos abatement.

As a contractor, you may be subject to other licenses and permits, depending on the requirements of the county and municipality in which the work is being performed. The Colorado Department of Public Health and Environment, Air Pollution Control Division strongly suggests that you check with county and municipal authorities in order to determine any other local building/permitting requirements that must be met.

THE ORIGINAL PERMIT MUST BE POSTED ON SITE AT ALL TIMES.

Immediately notify the Asbestos/IAQ Unit of project modifications by fax (number above) or e-mail (address above) and the appropriate county health department by fax. Project modifications include changes in the scope of work or the scheduled work dates, etc.

This asbestos abatement permit is valid beginning 2/15/2018 through 11:59 PM on 5/15/2018.
The actual scheduled work dates are from 3/9/2018 through 3/19/2018.

Approval issued on: 2/13/2018
Record number: 134877

Fee paid:
Check number:

Notice Number: 18DE0856A-11

Variance: None
Comments: None

Project Supervisor:
Carlos H Luch
Certification No.: 8293

For the location specified below:

Colonial Manor Motel (AP66)
RMs 228,229,230,231,232,233,234,235
2615 E. 46th Ave
Denver
Denver County

Project AMS:
Nicolas Vasquez
Certification No.: 22566

Project Manager:
WAIVED
Certification No.: 15045

This permit has been issued to:

JKS Industries, LLC
747 Sheridan Blvd Unit 9A
Lakewood, CO 80214

Issued by: RWJ



ASBESTOS ABATEMENT NOTIFICATION and PERMIT APPLICATION FORM

FEE MUST ACCOMPANY THIS FORM. INCOMPLETE APPLICATIONS WILL BE RETURNED.



Colorado Department
of Public Health
and Environment

Single Family Residential Dwelling (SFRD) > 50 LF or 32 SF or a 55-gal. drum, but ≤ 260 LF or 160 SF or a 55-gallon drum	Public and Commercial Building, School, and Single-Family Residential Dwelling: > 260 LF or 160 SF or a 55-gallon drum
[code 200] <input type="checkbox"/> \$0 Courtesy Notice	[code 100] <input type="checkbox"/> \$0 Courtesy Notice
[code 205] <input type="checkbox"/> \$60 Non-Public Access Notice (Opt Out)	[code 105] <input type="checkbox"/> \$80 Non-Public Access Notice
[code 210] <input type="checkbox"/> \$60 Notice	[code 110] <input type="checkbox"/> \$80 Notice
[code 230] <input type="checkbox"/> \$180 30-Day Permit	[code 130/232] <input type="checkbox"/> \$400 30-Day P&C/SFRD Permit
[code 290] <input type="checkbox"/> \$300 90-Day Permit	[code 190/292] <input type="checkbox"/> \$800 90-Day P&C/SFRD Permit
[code 265] <input type="checkbox"/> \$420 365-Day Permit	[code 165/267] <input type="checkbox"/> \$1200 365-Day P&C/SFRD Permit
[code 180/280] <input type="checkbox"/> \$55 Notice or Permit Transfer	[code 177] <input checked="" type="checkbox"/> \$80 Phase <u>11</u> of Multiple Phase Permit # <u>178</u>

Submit form to:
Permit Coordinator
Colorado Dept. of Public Health
and Environment
APCD-IE-B1
4300 Cherry Creek Drive South
Denver, CO 80246-1530
Phone: 303-692-3100
Fax: 303-782-0278
asbestos@state.co.us

Abatement Contractor			Abatement Site			Building Owner		
Company Name JKS Industries			Building Name Colonial Manor Motel (AP66)			Owner Name CDOT		
Street Address 747 Sheridan Blvd. Unit 9A			Specify location in the building where work will take place (e.g. floor, room, wing, etc.) RMs 228, 229, 230, 231, 232, 233, 234 and 235			Contact Anthony DeVito		
City Lakewood	State CO	Zip code 80214	Street Address 2615 E. 46 th Avenue.			Street Address 2000 S. Holly St.		
Telephone # (303) 238-0207	Fax # (303) 238-0452		City Denver	County Denver	Zip code 80216	City Denver	State CO	Zip code 80222
Project Supervisor Carlos Luch		CO. Cert # 8293	Building Contact Doug Messier		Cell Phone # (817) 320-6749	Telephone # (303) 512-5900		Fax # ()
Project Personnel			Project Information			Disposal Site		
CO Project Mgr. Name project manager waiver (see form from CDOT)			Start Date 3/09/2018	End Date 3/19/2018		Landfill Name Denver Arapahoe Disposall		
Cell Phone # ()	CO Project Designer #		Start Time 6:30am AM		End Time AM 5:00 PM	Street Address 3500 South Gun Club Road		
CO Project Designer Name Daniel Benecke			Check the day(s) of operation: Su M Tu W Th F Sa <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>			City Aurora	State CO	Zip code 80018
Cell Phone # (303) 232-2660	CO Project Designer # 1947		Emergency? Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	Type of ACM: TSI, Texture, VAT, etc. Duct tape seams, TDW and TSI,		CDPHE Use Only		
Consulting Firm Name Foothills		Registration # 14925	Linear Feet / Type 20LF of TSI associated with radiant heater	Square Feet / Type 2300 SF textured drywall	55 gal. Drums	Postmark or Delivery date 2/1/18	Approved by: 	
A.M.S. Name Nicholas Vasquez						Form of Payment & #		PM req'd? Y N <input checked="" type="checkbox"/> W
Cell Phone # (303) 960-4572	CO A.M.S. Cert # 22566					Permit # 18000856A-11134877	Record #	Date Issued:

Please describe below the work practices and procedures to be employed in conducting the abatement of asbestos. **BE SPECIFIC.** Indicate type(s) of ACBM to be abated (e.g. VAT, ceiling tile, TSI, etc.). Use another page if necessary.

This Phase 11 will consist in removal of friable and non-friable materials; 20LF of TSI associated with radiant heaters, 2300 SF of textured drywall, 300 SF of ceramic tiles/gray mastic and 4 SF of paper duct tape seams. The friable and non-friable materials will be removed using small hand tools (carpenters hammer, cats claw, crow bar and chisels) the material will be kept wet (1500 psi airless sprayer with amended

Colorado Department of Public Health and Environment
Air Pollution Control Division – Indoor Environment Program – Asbestos/IAQ Unit
4300 Cherry Creek Drive South, APCD-IE-B1
Denver, Colorado 80246-1530
Phone: 303-692-3100 – Fax: 303-782-0278
E-mail: asbestos@state.co.us

ASBESTOS ABATEMENT PERMIT

This permit is granted subject to Colorado Air Quality Control Commission Regulation No. 8, Part B, adopted December 21, 2007, and effective January 30, 2008, the Colorado Air Pollution Prevention and Control Act (25-7-101 or 25-7-501 et seq., C.R.S.) and the following provisions. It is only for the purpose of allowing asbestos abatement.

ADDITIONAL PERMIT PROVISIONS:

By performing work under this permit the abatement contractor agrees that the Division may revoke or suspend this permit should the Division find that the contractor:

- has violated or has aided and abetted in the violation of 25-7-101 or 25-7-501 et seq., C.R.S. or Regulation No. 8, Part B, or an order of the Division or Commission,
- has failed to meet any permit and notification requirement or failed to correct any violations cited by the Division during any inspection within a reasonable period of time, as may be determined by the Division,
- has used misrepresentation or fraud in obtaining this permit, or,
- has committed any act or omission which does not meet generally accepted standards of the practice of asbestos abatement.

As a contractor, you may be subject to other licenses and permits, depending on the requirements of the county and municipality in which the work is being performed. The Colorado Department of Public Health and Environment, Air Pollution Control Division strongly suggests that you check with county and municipal authorities in order to determine any other local building/permitting requirements that must be met.

THE ORIGINAL PERMIT MUST BE POSTED ON SITE AT ALL TIMES.

Immediately notify the Asbestos/IAQ Unit of project modifications by fax (number above) or e-mail (address above) and the appropriate county health department by fax. Project modifications include changes in the scope of work or the scheduled work dates, etc.

This asbestos abatement permit is valid beginning 2/15/2018 through 11:59 PM on 5/15/2018.

The actual scheduled work dates are from 3/12/2018 through 3/19/2018.

Approval issued on: 2/13/2018

Record number: 134878

Notice Number: 18DE0856A-12

Variance: None

Comments: None

For the location specified below:

**Colonial Manor Motel (AP66)
Motel & Garage
2615 E. 46th Ave
Denver
Denver County**

This permit has been issued to:

Fee paid:

Check number:

Project Supervisor:

Carlos H Luch

Cerification No.: 8293

Project AMS:

Nicolas Vasquez

Cerification No.: 22566

Project Manager:

WAIVED

Certification No.: 15045

**JKS Industries, LLC
747 Sheridan Blvd Unit 9A
Lakewood, CO 80214**

Issued by: RWJ



ASBESTOS ABATEMENT NOTIFICATION and PERMIT APPLICATION FORM

FEE MUST ACCOMPANY THIS FORM. INCOMPLETE APPLICATIONS WILL BE RETURNED.

15-6 2018



**Colorado Department
of Public Health
and Environment**

Single Family Residential Dwelling (SFRD) > 50 LF or 32 SF or a 55-gal. drum, but ≤ 260 LF or 160 SF or a 55-gallon drum	Public and Commercial Building, School, and Single-Family Residential Dwelling: > 260 LF or 160 SF or a 55-gallon drum	Submit form to: Permit Coordinator Colorado Dept. of Public Health and Environment APCD-IE-B1 4300 Cherry Creek Drive South Denver, CO 80246-1530 Phone: 303-692-3100 Fax: 303-782-0278 asbestos@state.co.us
[code 200] <input type="checkbox"/> \$0 Courtesy Notice	[code 100] <input type="checkbox"/> \$0 Courtesy Notice	
[code 205] <input type="checkbox"/> \$60 Non-Public Access Notice (Opt Out)	[code 105] <input type="checkbox"/> \$80 Non-Public Access Notice	
[code 210] <input type="checkbox"/> \$60 Notice	[code 110] <input type="checkbox"/> \$80 Notice	
[code 230] <input type="checkbox"/> \$180 30-Day Permit	[code 130/232] <input type="checkbox"/> \$400 30-Day P&C/SFRD Permit	
[code 290] <input type="checkbox"/> \$300 90-Day Permit	[code 190/292] <input type="checkbox"/> \$800 90-Day P&C/SFRD Permit	
[code 265] <input type="checkbox"/> \$420 365-Day Permit	[code 165/267] <input type="checkbox"/> \$1200 365-Day P&C/SFRD Permit	
[code 180/280] <input type="checkbox"/> \$55 Notice or Permit Transfer	[code 177] <input checked="" type="checkbox"/> \$80 178 0	Phase <u>12</u> of Multiple Phase Permit #

Abatement Contractor			Abatement Site			Building Owner			
Company Name JKS Industries			Building Name Colonial Manor Motel (AP66)			Owner Name CDOT			
Street Address 747 Sheridan Blvd. Unit 9A			Specify location in the building where work will take place (e.g. floor, room, wing, etc.) Motel & Garage			Contact Anthony DeVito			
City Lakewood	State CO	Zip code 80214	Street Address 2615 E. 46 th Avenue.			Street Address 2000 S. Holly St.			
Telephone # (303) 238-0207	Fax # (303) 238-0452		City Denver	County Denver	Zip code 80216	City Denver	State CO	Zip code 80222	
Project Supervisor Carlos Luch		CO. Cert # 8293 ✓	Building Contact Doug Messier		Cell-Phone # (817) 320-6749	Telephone # (303) 512-5900	Fax # ()		
Project Personnel			Project Information			Disposal Site			
CO Project Mgr. Name project manager waiver (see form from CDOT)			Start Date 3/12/2018	End Date 3/19/2018		Landfill Name Denver Arapahoe Disposal			
Cell Phone # ()	CO Project Designer #		Start Time 6:30am AM	End Time AM 5:00 PM		Street Address 3500 South Gun Club Road			
CO Project Designer Name Daniel Benecke			Check the day(s) of operation: Su M Tu W Th F Sa <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>			City Aurora	State CO	Zip code 80018	
Cell Phone # (303) 232-2660	CO Project Designer # 1947 ✓		Emergency? Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	Type of ACM: TSI, Texture, VAT, etc. Window Caulking, roof flashing			CDPHE Use Only		
Consulting Firm Name Foothills		Registration # 14925 ✓	Linear Feet / Type	Square Feet / Type 188 SF total	55 gal. Drums		Postmark or Delivery date 2/16/18	Approved by: _____	
A.M.S. Name Nicholas Vasquez ✓			Permit # 18120856A-12 Record # 134878			Form of Payment & #		PM req'd? Y N <input checked="" type="radio"/>	
Cell Phone # (303) 960-4572	CO A.M.S. Cert # 22566 ✓					88 SF/caulking 100SF/roof flashing		Date Issued:	

Please describe below the work practices and procedures to be employed in conducting the abatement of asbestos. **BE SPECIFIC.** Indicate type(s) of ACBM to be abated (e.g. VAT, ceiling tile, TSI, etc.). Use another page if necessary.

This Phase 12 will consist in removal of non-friable materials. The 88 SF of exterior/interior window caulking and door caulking will be performed using component removal. JKS will tape all the seams with 3' red tape and glue. Cover the windows with one layer 6mil poly. Provide drop poly on floor and taped to building to catch loose debris. The caulking is considered non friable and will be kept non friable thru the removal and disposal process. The roof flashing is considered tar impregnated and non-friable in its current condition. JKS will remove the roof flashing using small hand tools (shovel, pick axe, and carpenter's hammer) and roof flashing will be saturated with BEENIE- DOO to dissolve the mastic into a gummy form for additional step to keep material cohered together. The work areas will be inspected by a State Certified AMS.

Colorado Department of Public Health and Environment
Air Pollution Control Division – Indoor Environment Program – Asbestos/IAQ Unit
4300 Cherry Creek Drive South, APCD-IE-B1
Denver, Colorado 80246-1530
Phone: 303-692-3100 – Fax: 303-782-0278
E-mail: asbestos@state.co.us

ASBESTOS ABATEMENT PERMIT

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ADDITIONAL PERMIT PROVISIONS:

By performing work under this permit the abatement contractor agrees that the Division may revoke or suspend this permit should the Division find that the contractor:

- has violated or has aided and abetted in the violation of 25-7-101 or 25-7-501 et seq., C.R.S. or Regulation No. 8, Part B, or an order of the Division or Commission,
- has failed to meet any permit and notification requirement or failed to correct any violations cited by the Division during any inspection within a reasonable period of time, as may be determined by the Division,
- has used misrepresentation or fraud in obtaining this permit, or,
- has committed any act or omission which does not meet generally accepted standards of the practice of asbestos abatement.

As a contractor, you may be subject to other licenses and permits, depending on the requirements of the county and municipality in which the work is being performed. The Colorado Department of Public Health and Environment, Air Pollution Control Division strongly suggests that you check with county and municipal authorities in order to determine any other local building/permitting requirements that must be met.

THE ORIGINAL PERMIT MUST BE POSTED ON SITE AT ALL TIMES.

Immediately notify the Asbestos/IAQ Unit of project modifications by fax (number above) or e-mail (address above) and the appropriate county health department by fax. Project modifications include changes in the scope of work or the scheduled work dates, etc.

This asbestos abatement permit is valid beginning 2/15/2018 through 11:59 PM on 5/15/2018.

The actual scheduled work dates are from 2/15/2018 through 3/19/2018.

Approval issued on: 2/13/2018

Record number: 134879

Notice Number: 18DE0856A-13

Variance: None

Comments: None

For the location specified below:

Colonial Manor Motel (AP66)
Motel - Radiant heaters
2615 E. 46th Ave
Denver
Denver County

This permit has been issued to:

Fee paid:

Check number:

Project Supervisor:

Carlos H Luch

Cerification No.: 8293

Project AMS:

Nicolas Vasquez

Cerification No.: 22566

Project Manager:

WAIVED

Certification No.: 15045

JKS Industries, LLC

747 Sheridan Blvd Unit 9A

Lakewood, CO 80214

Issued by: RWJ



ASBESTOS ABATEMENT NOTIFICATION and PERMIT APPLICATION FORM

FEE MUST ACCOMPANY THIS FORM. INCOMPLETE APPLICATIONS WILL BE RETURNED.



**Colorado Department
of Public Health
and Environment**

Single Family Residential Dwelling (SFRD) > 50 LF or 32 SF or a 55-gal. drum, but ≤ 260 LF or 160 SF or a 55-gallon drum	Public and Commercial Building, School, and Single-Family Residential Dwelling: > 260 LF or 160 SF or a 55-gallon drum
[code 200] <input type="checkbox"/> \$0 Courtesy Notice	[code 100] <input type="checkbox"/> \$0 Courtesy Notice
[code 205] <input type="checkbox"/> \$60 Non-Public Access Notice (Opt Out)	[code 105] <input type="checkbox"/> \$80 Non-Public Access Notice
[code 210] <input type="checkbox"/> \$60 Notice	[code 110] <input type="checkbox"/> \$80 Notice
[code 230] <input type="checkbox"/> \$180 30-Day Permit	[code 130/232] <input type="checkbox"/> \$400 30-Day P&C/SFRD Permit
[code 290] <input type="checkbox"/> \$300 90-Day Permit	[code 190/292] <input type="checkbox"/> \$800 90-Day P&C/SFRD Permit
[code 265] <input type="checkbox"/> \$420 365-Day Permit	[code 165/267] <input type="checkbox"/> \$1200 365-Day P&C/SFRD Permit
[code 180/280] <input type="checkbox"/> \$55 Notice or Permit Transfer	[code 177] <input checked="" type="checkbox"/> \$80 Phase <u>13</u> of Multiple Phase Permit #

Submit form to:
 Permit Coordinator
 Colorado Dept. of Public Health and Environment
 APCD-IE-B1
 4300 Cherry Creek Drive South
 Denver, CO 80246-1530
 Phone: 303-692-3100
 Fax: 303-782-0278
 asbestos@state.co.us

Abatement Contractor			Abatement Site			Building Owner		
Company Name JKS Industries			Building Name Colonial Manor Motel (AP66)			Owner Name CDOT		
Street Address 747 Sheridan Blvd. Unit 9A			Specify location in the building where work will take place (e.g. floor, room, wing, etc.) Motel - Radiant Heaters			Contact Anthony DeVito		
City Lakewood	State CO	Zip code 80214	Street Address 2615 E. 46 th Avenue.			Street Address 2000 S. Holly St.		
Telephone # (303) 238-0207	Fax # (303) 238-0452		City Denver	County Denver	Zip code 80216	City Denver	State CO	Zip code 80222
Project Supervisor Carlos Luch		CO. Cert # 8293	Building Contact Doug Messier		Cell Phone # (817) 320-6749	Telephone # (303) 512-5900		Fax # ()
Project Personnel			Project Information			Disposal Site		
CO Project Mgr. Name project manager waiver (see form from CDOT)			Start Date 2/15/2018	End Date 3/19/2018		Landfill Name Denver Arapahoe Disposal		
Cell Phone # ()	CO Project Designer #		Start Time AM	End Time AM 5:00 PM		Street Address 3500 South Gun Club Road		
CO Project Designer Name Daniel Benecke			Check the day(s) of operation: Su M Tu W Th F Sa <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>			City Aurora	State CO	Zip code 80018
Cell Phone # (303) 232-2660	CO Project Designer # 1947		Emergency? Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	Type of ACM: TSI, Texture, VAT, etc. Black Cork/TSI		CDPHE Use Only		
Consulting Firm Name Foothills		Registration # 14925	Linear Feet / Type 100LF/Black Cork TSI	Square Feet / Type	55 gal. Drums	Postmark or Delivery date 2/1/18	Approved by: 	
A.M.S. Name Nicholas Vasquez						Form of Payment & #	PM req'd? Y N <input checked="" type="radio"/>	
Cell Phone # (303) 960-4572	CO A.M.S. Cert # 22566					Permit # 18D20856A-13	Record # 134879	Date Issued:

Please describe below the work practices and procedures to be employed in conducting the abatement of asbestos. **BE SPECIFIC.** Indicate type(s) of ACBM to be abated (e.g. VAT, ceiling tile, TSI, etc.). Use another page if necessary.

This Phase 13 will consist in removal of friable black cork/TSI. 100LF of balck cork/TSI associated with raidant heaters will be perfromed under seceondary containments with single use individual glovebags. The glovebags will be smoke tested prior to removal and will be done with two workers, wet methods (garden sprayer and amended water) and HEPA vacuum. The secondary containment will have an adjacent clean room with a HEPA vacuum for decontamination of personnel. The secondary containment will be inspected and cleared by a State Certified AMS.

Colorado Department of Public Health and Environment

Air Pollution Control Division – Indoor Environment Program – Asbestos/IAQ Air Unit
4300 Cherry Creek Drive South, APCD-IE-B1
Denver, Colorado 80246-1530
Phone: 303-692-3100 – Fax: 303-782-0278
E-mail: asbestos@state.co.us

DEMOLITION APPROVAL NOTICE

This approval notice is granted subject to Colorado Air Quality Control Commission Regulation No. 8, Part B, adopted December 21, 2007, and effective January 30, 2008 and the Colorado Air Pollution Prevention and Control Act C.R.S. (25-7-101 and 25-7-501 et seq). This notice signifies that the structure was inspected for asbestos, luminous exit signs (containing radioactive material), and Ozone-Depleting Refrigerants and the demolition contractor has properly notified the Colorado Department of Public Health and Environment pursuant to Regulation No. 8, Part B.

As a contractor, you may be subject to other demolition licenses and permits, depending on the requirements of the county and municipality in which the work is being performed. The Colorado Department of Public Health and Environment, Air Pollution Control Division, strongly suggests that you check with county and municipal authorities in order to determine any other local building/permitting requirements that must be met.

Please note that certain asbestos-containing materials (ACM) may remain in the structure during demolition. Therefore, any demolition debris left behind after the completion of post-demolition site cleanup may constitute a "reason to know of asbestos-contaminated soil" at the site, subject to the requirements of Section 5.5 of the Solid Waste Regulations (6 CCR 1007-2, Part 1).

THE ORIGINAL APPROVAL NOTICE MUST BE POSTED ON SITE AT ALL TIMES.

Immediately notify the Asbestos/IAQ Unit of project modifications by fax (number above) or e-mail (address above) and the appropriate county health department by fax. Project modifications include changes in the scope of work or the scheduled work dates, etc.

This demolition approval notice is valid beginning 3/24/2018.

The actual scheduled work dates are from 3/24/2018 through 4/30/2018.

Approval issued on: 3/27/2018

Record number: 136101

Notice Number: 18DE1751D

For the location specified below:

Colonial Manor Motel

2615 E. 46th Ave

Denver

Denver County

Fee Paid: \$70.00

Check number: 4696

Asbestos Building Inspector:

Nicolas Vasquez

Cerification No.: 22566

Inspection Date: 03/20/2018

This notice has been issued to:

JKS Industries, Inc.

747 Sheridan Blvd. Unit 9A

Lakewood, CO 80214

Issued by: CA





DEMOLITION NOTIFICATION APPLICATION FORM

APPLICATION FEE MUST ACCOMPANY THIS FORM
INCOMPLETE APPLICATIONS WILL BE RETURNED

(Notice will be mailed to the demolition contractor unless specified otherwise)

Fee: \$50 + \$5 per 1000 ft² of area to be demolished = \$ 70.00
(See instruction #1 on reverse side)

Submit form to:
Permit Coordinator
Colorado Dept. of Public
Health and Environment
APCD-IE-B1
4300 Cherry Creek Drive
South
Denver, CO 80246-1530
Phone: 303-692-3100
Fax: 303-782-0278
Asbestos@state.co.us

Colorado Department
of Public Health
and Environment

RECEIVED
APCD
MAR 22 2018

Demolition Contractor	Company Name: JKS Industries		Building Name: Colonial Manor Motel		
	Street: 747 Sheridan Blvd. Unit 9A		Square footage of footprint of facility or portion of facility to be demolished 4,000		
	City: Lakewood	State: CO	Zip Code: 80214		
	Telephone # (303) 238-0207	Fax # (303) 238-0452	Street: 2615 E 46th Avenue		
	Project Manager: Jeff Knight	Cell Phone # (720) 402-4410	City: Denver	County: Denver	Zip Code: 80216
	I certify that the Certified Asbestos Building Inspector has informed me about any remaining asbestos-containing materials in the facility to be demolished.		Proposed Start Date Mar 20, 2018		Proposed Completion Date Apr 1, 2018
Signature:		Print Name: Jeffrey Knight		Method/Mean of Demolition: <input checked="" type="checkbox"/> Wrecking <input type="checkbox"/> Burning [†] <input type="checkbox"/> Implosion <input type="checkbox"/> Moving <input type="checkbox"/> Other, specify:	
Landfill Receiving Building Debris: Denver Arapahoe Disposal Site		† Burning requires additional authorization - Please call (303) 692-3100 and ask to speak to the Open Burning Permit Coordinator			

Asbestos Removal Contractor	General Abatement Contractor (GAC) JKS Industries		Owner's Name: CDOT			
	CDPHE Asbestos Permit # 18DE0856A 01-18	5,160 LF/ 3,130 SF		Street: 2000 S Holly Street		
	Date Removal Completed March 16, 2018	Telephone # 303.238.0207	City: Denver		State: CO	Zip Code: 80222
	Type(s) of Asbestos-Containing Material Removed: Air-o-cell, VAT/Mastic, TDW, TSI, Caulking, Roof flashing, black Cork, Ceramic tiles/mastic, cove base, Hard pack fittings, Paper duct wrap, sheet vinyl flooring		Contact's Name: Anthony Davito		Telephone # (303) 512-5900	

With my signature below, I certify that I possess current AHERA accreditation and state of Colorado certification as an Asbestos Building Inspector. I also certify that I have thoroughly inspected the facility to be demolished, as listed in the Demolition Site block above, sampled all suspect materials, had all samples analyzed for the presence of asbestos by a NVLAP-accredited laboratory, and have determined that no Regulated ACM exists anywhere in the facility.* I also certify that I have informed the owner/operator of the facility or the demolition contractor that any asbestos-containing material allowed to stay in the facility must remain non-friable during demolition. Specify type(s) of ACM remaining, below: (check appropriate box(es)):

Vinyl asbestos floor tile (VAT) VAT mastic Tar/asphalt impregnated roofing Asphaltic pipe coatings
 Spray-applied tar coatings Caulking Glazing Other, specify:

Signature: (In Blue Ink)

Printed Name: **NICOLAS VASQUEZ**

Date of Final Inspection: **3/20/2018** CO Cert # **22566** Expiration Date **11/24/2018** Telephone # **(303) 232 2460** Cell Phone # **(303) 960 4572**

I verify that all refrigerants from air conditioning/refrigeration appliances have been properly recovered in accordance with AQCC Regulation No. 15 (for information on CFC requirements call 692-3100). I further verify that all luminous exit signs (containing radioactive material) have been disposed of in accordance with 6 CCR 1007-1 subpart 3.6.4.3 (for information on luminous exit sign requirements call 303-692-3320).

CHECK THE APPROPRIATE BOX:

Building Owner Contractor Other

Signature:

Date: **3/20/18**

Print Name: **Jeffrey Knight**

THIS BOX IS FOR CDPHE USE ONLY:

Postmark or Hand Delivery Date: **3/22/18** Approved By:

Code: initial-310 transfer-380

Form of Payment & #: **CC 4696 / \$ 70.00** Permit #: **18DE0856A** Record #: **B10101** Date Issued:

* Regulated asbestos-containing materials means (a) friable asbestos-containing material, (b) Category I nonfriable ACM that has become friable, (c) Category I nonfriable ACM that will be or has been subjected to sanding, grinding, cutting, or abrading or (d) Category II nonfriable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of

Colorado Department of Public Health and Environment
Air Pollution Control Division – Indoor Environment Program – Asbestos/IAQ Air Unit
4300 Cherry Creek Drive South, APCD-IE-B1
Denver, Colorado 80246-1530
Phone: 303-692-3100 – Fax: 303-782-0278
E-mail: asbestos@state.co.us

DEMOLITION APPROVAL NOTICE

This approval notice is granted subject to Colorado Air Quality Control Commission Regulation No. 8, Part B, adopted December 21, 2007, and effective January 30, 2008 and the Colorado Air Pollution Prevention and Control Act C.R.S. (25-7-101 and 25-7-501 et seq). This notice signifies that the structure was inspected for asbestos, luminous exit signs (containing radioactive material), and Ozone-Depleting Refrigerants and the demolition contractor has properly notified the Colorado Department of Public Health and Environment pursuant to Regulation No. 8, Part B.

As a contractor, you may be subject to other demolition licenses and permits, depending on the requirements of the county and municipality in which the work is being performed. The Colorado Department of Public Health and Environment, Air Pollution Control Division, strongly suggests that you check with county and municipal authorities in order to determine any other local building/permitting requirements that must be met.

Please note that certain asbestos-containing materials (ACM) may remain in the structure during demolition. Therefore, any demolition debris left behind after the completion of post-demolition site cleanup may constitute a "reason to know of asbestos-contaminated soil" at the site, subject to the requirements of Section 5.5 of the Solid Waste Regulations (6 CCR 1007-2, Part 1).

THE ORIGINAL APPROVAL NOTICE MUST BE POSTED ON SITE AT ALL TIMES.

Immediately notify the Asbestos/IAQ Unit of project modifications by fax (number above) or e-mail (address above) and the appropriate county health department by fax. Project modifications include changes in the scope of work or the scheduled work dates, etc.

This demolition approval notice is valid beginning 3/24/2018.

The actual scheduled work dates are from 3/24/2018 through 4/30/2018.

Approval issued on: 3/27/2018

Record number: 136100

Notice Number: 18DE1750D

For the location specified below:

Colonial Manor Motel

2615 E. 46th Ave

Denver

Denver County

Fee Paid: \$90.00

Check number: 4696

Asbestos Building Inspector:

Nicolas Vasquez

Cerification No.: 22566

Inspection Date: 03/20/2018

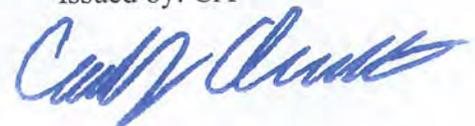
This notice has been issued to:

JKS Industries, Inc.

747 Sheridan Blvd. Unit 9A

Lakewood, CO 80214

Issued by: CA





DEMOLITION NOTIFICATION APPLICATION FORM

APPLICATION FEE MUST ACCOMPANY THIS FORM
INCOMPLETE APPLICATIONS WILL BE RETURNED

(Notice will be mailed to the demolition contractor unless specified otherwise)

Fee: \$50 + \$5 per 1000 ft² of area to be demolished = \$ 90.00
(See instruction #1 on reverse side)

Submit form to:
Permit Coordinator
Colorado Dept. of Public Health and Environment
APCD-IE-B1
4300 Cherry Creek Drive South
Denver, CO 80246-1530
Phone: 303-692-3100
Fax: 303-782-0278
Asbestos@state.co.us

Colorado Department of Public Health and Environment

Demolition Contractor

Company Name: **JKS Industries**

Street: **747 Sheridan Blvd. Unit 9A**

City: **Lakewood** State: **CO** Zip Code: **80214**

Telephone # **(303) 238-0207** Fax # **(303) 238-0452**

Project Manager: **Jeff Knight** Cell Phone # **(720) 402-4410**

I certify that the Certified Asbestos Building Inspector has informed me about any remaining asbestos-containing materials in the facility to be demolished.

Signature: Print Name: **Jeffrey Knight**

Landfill Receiving Building Debris: **Denver Arapahoe Disposal Site**

Demolition Site

Building Name: **Colonial Manor Motel**

Square footage of footprint of facility or portion of facility to be demolished: **8000**

Street: **2615 E 46th Avenue**

City: **Denver** County: **Denver** Zip Code: **80216**

Proposed Start Date: **March 24, 2018** Proposed Completion Date: **April 30, 2018**

Method/Mean of Demolition:

Wrecking Burning[†] Implosion Moving Other, specify:

[†]Burning requires additional authorization – Please call (303) 692-3100 and ask to speak to the Open Burning Permit Coordinator

Asbestos Removal Contractor

General Abatement Contractor (GAC): **JKS Industries**

CDPHE Asbestos Permit # **18DE0856A 01-13** 3,260 LF / 3,282 SF

Date Removal Completed: **March 16, 2018** Telephone # **303.238.0207**

Type(s) of Asbestos-Containing Material Removed:
Air-o-cell, VAT/Mastic, TDW, TSI, Caulking, Roof flashing, black Cork, Ceramic tiles/mastic, cove base, Hard pack fittings, Paper duct wrap, sheet vinyl flooring

Building Owner

Owner's Name: **CDOT**

Street: **2000 S Holly Street**

City: **Denver** State: **CO** Zip Code: **80222**

Contact's Name: **Anthony Davito** Telephone # **(303) 512-5900**

Certified Asbestos Inspector Certification

With my signature below, I certify that I possess current AHERA accreditation and state of Colorado certification as an Asbestos Building Inspector. I also certify that I have thoroughly inspected the facility to be demolished, as listed in the Demolition Site block above, sampled all suspect materials, had all samples analyzed for the presence of asbestos by a NVLAP-accredited laboratory, and have determined that no Regulated ACM exists anywhere in the facility.* I also certify that I have informed the owner/operator of the facility or the demolition contractor that any asbestos-containing material allowed to stay in the facility must remain non-friable during demolition. Specify type(s) of ACM remaining, below: **(check appropriate box(es))**:

Vinyl asbestos floor tile (VAT) VAT mastic Tar/asphalt impregnated roofing Asphaltic pipe coatings
 Spray-applied tar coatings Caulking Glazing Other, specify:

Signature: (In Blue Ink) Printed Name: **NICOLAS VASQUEZ**

Date of Final Inspection: **03/20/2018** CO Cert # **22546** Expiration Date: **11/24/2018** Telephone # **(303) 232 2660** Cell Phone # **(303) 960 4572**

Building Owner or Contractor

I verify that all refrigerants from air conditioning/refrigeration appliances have been properly recovered in accordance with AQCC Regulation No. 15 (for information on CFC requirements call 692-3100). I further verify that all luminous exit signs (containing radioactive material) have been disposed of in accordance with 6 CCR 1007-1 subpart 3.6.4.3 (for information on luminous exit sign requirements call 303-692-3320).

CHECK THE APPROPRIATE BOX:

Building Owner Contractor Other Date: **3/20/18**

Signature: Print Name: **JEFFREY KNIGHT**

THIS BOX IS FOR CDPHE USE ONLY:

Postmark or Hand Delivery Date: **3/22/18** Approved By: Code: initial-310 transfer-380

Form of Payment & #: **CC 4696 / \$40.00** Permit #: **18DE0856A** Record #: **136100** Date Issued:

* Regulated asbestos-containing materials means (a) friable asbestos-containing material, (b) Category I nonfriable ACM that has become friable, (c) Category I nonfriable ACM that will be or has been subjected to sanding, grinding, cutting, or abrading or (d) Category II nonfriable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of

APPROVED
DATE 3/22/18 CDPHE L Rev. 01/30/08

Colorado Department of Public Health and Environment
Air Pollution Control Division – Indoor Environment Program – Asbestos/IAQ Air Unit
4300 Cherry Creek Drive South, APCD-IE-B1
Denver, Colorado 80246-1530
Phone: 303-692-3100 – Fax: 303-782-0278
E-mail: asbestos@state.co.us

DEMOLITION APPROVAL NOTICE

This approval notice is granted subject to Colorado Air Quality Control Commission Regulation No. 8, Part B, adopted December 21, 2007, and effective January 30, 2008 and the Colorado Air Pollution Prevention and Control Act C.R.S. (25-7-101 and 25-7-501 et seq). This notice signifies that the structure was inspected for asbestos, luminous exit signs (containing radioactive material), and Ozone-Depleting Refrigerants and the demolition contractor has properly notified the Colorado Department of Public Health and Environment pursuant to Regulation No. 8, Part B.

As a contractor, you may be subject to other demolition licenses and permits, depending on the requirements of the county and municipality in which the work is being performed. The Colorado Department of Public Health and Environment, Air Pollution Control Division, strongly suggests that you check with county and municipal authorities in order to determine any other local building/permitting requirements that must be met.

Please note that certain asbestos-containing materials (ACM) may remain in the structure during demolition. Therefore, any demolition debris left behind after the completion of post-demolition site cleanup may constitute a "reason to know of asbestos-contaminated soil" at the site, subject to the requirements of Section 5.5 of the Solid Waste Regulations (6 CCR 1007-2, Part 1).

THE ORIGINAL APPROVAL NOTICE MUST BE POSTED ON SITE AT ALL TIMES.

Immediately notify the Asbestos/IAQ Unit of project modifications by fax (number above) or e-mail (address above) and the appropriate county health department by fax. Project modifications include changes in the scope of work or the scheduled work dates, etc.

This demolition approval notice is valid beginning 3/24/2018.

The actual scheduled work dates are from 3/24/2018 through 4/30/2018.

Approval issued on: 3/27/2018

Record number: 136102

Notice Number: 18DE1752D

For the location specified below:

Colonial Manor Motel

2615 E. 46th Ave

Denver

Denver County

Fee Paid: \$55.00

Check number: 4696

Asbestos Building Inspector:

Nicolas Vasquez

Cerification No.: 22566

Inspection Date: 03/20/2018

This notice has been issued to:

JKS Industries, Inc.

747 Sheridan Blvd. Unit 9A

Lakewood, CO 80214

Issued by: CA





DEMOLITION NOTIFICATION APPLICATION FORM

APPLICATION FEE MUST ACCOMPANY THIS FORM

INCOMPLETE APPLICATIONS WILL BE RETURNED

(Notice will be mailed to the demolition contractor unless specified otherwise)

Fee: \$50 + \$5 per 1000 ft² of area to be demolished = \$ 55.00
(See instruction #1 on reverse side)

Submit form to:
Permit Coordinator
Colorado Dept. of Public
Health and Environment
APCD-IE-B1
4300 Cherry Creek Drive
South
Denver, CO 80246-1530
Phone: 303-692-3100
Fax: 303-782-0278
Asbestos@state.co.us

Colorado Department
of Public Health
and Environment

Demolition Contractor	Company Name: JKS Industries		Building Name: Colonial Manor Motel		
	Street: 747 Sheridan Blvd. Unit 9A		Square footage of footprint of facility or portion of facility to be demolished: 500		
	City: Lakewood	State: CO	Zip Code: 80214	Street: 2615 E 46th Avenue	
	Telephone # (303) 238-0207	Fax # (303) 238-0452	City: Denver		Zip Code: 80216
	Project Manager: Jeff Knight	Cell Phone # (720) 402-4410	Proposed Start Date March 24, 2018		Proposed Completion Date April 30, 2018
	I certify that the Certified Asbestos Building Inspector has informed me about any remaining asbestos-containing materials in the facility to be demolished.		Method/Mean of Demolition: <input checked="" type="checkbox"/> Wrecking <input type="checkbox"/> Burning [†] <input type="checkbox"/> Implosion <input type="checkbox"/> Moving <input type="checkbox"/> Other, specify:		
Signature:		Print Name: Jeffrey Knight			
Landfill Receiving Building Debris: Denver Arapahoe Disposal Site		† Burning requires additional authorization – Please call (303) 692-3100 and ask to speak to the Open Burning Permit Coordinator			
Asbestos Removal Contractor	General Abatement Contractor (GAC) JKS Industries		Owner's Name: CDOT		
	CDPHE Asbestos Permit # 18DE0856A 01-13	12 SF	Street: 2000 S Holly Street		
	Date Removal Completed March 16, 2018	Telephone # 303.238.0207	City: Denver	State: CO	Zip Code: 80222
	Type(s) of Asbestos-Containing Material Removed: Window/Door pliable caulking		Contact's Name: Anthony Davito		Telephone # (303) 512-5900
Certified Asbestos Inspector	With my signature below, I certify that I possess current AHERA accreditation and state of Colorado certification as an Asbestos Building Inspector. I also certify that I have thoroughly inspected the facility to be demolished, as listed in the Demolition Site block above, sampled all suspect materials, had all samples analyzed for the presence of asbestos by a NVLAP-accredited laboratory, and have determined that no Regulated ACM exists anywhere in the facility.* I also certify that I have informed the owner/operator of the facility or the demolition contractor that any asbestos-containing material allowed to stay in the facility must remain non-friable during demolition. Specify type(s) of ACM remaining, below: (check appropriate box(es)):				
	<input type="checkbox"/> Vinyl asbestos floor tile (VAT) <input type="checkbox"/> VAT mastic <input type="checkbox"/> Tar/asphalt impregnated roofing <input type="checkbox"/> Asphaltic pipe coatings <input type="checkbox"/> Spray-applied tar coatings <input type="checkbox"/> Caulking <input type="checkbox"/> Glazing <input type="checkbox"/> Other, specify:				
	Signature: (In Blue Ink)		Printed Name: NICOLAS VASQUEZ		
Date of Final Inspection 3/20/2018	CO Cert # 22566	Expiration Date 11/24/2018	Telephone # (303) 232 2660	Cell Phone # (303) 960 4572	
Building Owner or Contractor	I verify that all refrigerants from air conditioning/refrigeration appliances have been properly recovered in accordance with AQCC Regulation No. 15 (for information on CFC requirements call 692-3100). I further verify that all luminous exit signs (containing radioactive material) have been disposed of in accordance with 6 CCR 1007-1 subpart 3.6.4.3 (for information on luminous exit sign requirements call 303-692-3320).				
	CHECK THE APPROPRIATE BOX:				
	<input type="checkbox"/> Building Owner	<input checked="" type="checkbox"/> Contractor	<input type="checkbox"/> Other	Date: 3/20/18	
Signature:		Print Name: JEFFREY KNIGHT			
THIS BOX IS FOR CDPHE USE ONLY:					
Postmark or Hand Delivery Date: 3/22/18		Approved By:		Code: <input checked="" type="checkbox"/> initial-310 <input type="checkbox"/> transfer-380	
Form of Payment & #: CC 4696 / \$55.00		Permit #: 18D01752D	Record #: 136102	Date Issued:	

* Regulated asbestos-containing materials means (a) friable asbestos-containing material, (b) Category I nonfriable ACM that has become friable, (c) Category I nonfriable ACM that will be or has been subjected to sanding, grinding, cutting, or abrading or (d) Category II nonfriable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of demolition or renovation operations regulated by this regulation. Note: Asbestos-containing sheet vinyl and linoleum must be properly abated/removed prior to demolition.

DATE 3/22/18 CDPHE

2. JKS Asbestos Certification



Colorado Department
of Public Health
and Environment

General Abatement Contractor

This certifies that

JKS Industries, LLC

GAC No.: 18531

has met the certification requirements of 25-7-507, C.R.S. and Air Quality Control Commission Regulation No. 8, Part B, and is hereby authorized to perform asbestos abatement activities in the state of Colorado.

Issued: June 23, 2017

Expires: July 01, 2018

Authorized APCD Representative

SEAL

3.JKS Workers' Asbestos Certifications

Colorado Department
of Public Health and
Environment



Supervisor



Asbestos Certification

**Miguel G.
Leon**

Expires: 10/18/2018 Cert. #: 8612
Date Issued: 10/18/2017

INTERNATIONAL



Environmental and Safety Training LLC
720 Billings Street Unit F
Aurora, Colorado 80011
Phone # (720) 859-3134
Fax # (720) 859-0660

CERTIFIES THAT

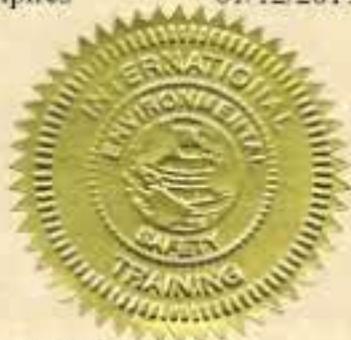
MIGUEL LEON

Has successfully completed
The **EPA- APPROVED AHERA ANNUAL ASBESTOS REFRESHER**
COURSE for **CONTRACTOR/SUPERVISOR**
And passed the requirements examination in that discipline

This course is **EPA-Approved** under Section 206 of the
Toxic Substance Control Act (TSCA)

Course Date 01/12/2018
No. Hours 8
Certificate No. CO011218-11ASR
Expires 01/12/2019

This course meets
the requirements of
AQCC Reg. #8



Training Director

Invalid without raised seal

Colorado Department
of Public Health and
Environment



Supervisor



Asbestos Certification

**Andre M.
Williams**

Expires: 11/21/2018 Cert. #: 15776
Date Issued: 11/21/2017

INTERNATIONAL



Environmental and Safety Training LLC
720 Billings Street Unit F
Aurora, Colorado 80011
Phone # (720) 859-3134
Fax # (720) 859-0660

CERTIFIES THAT

ANDREE WILLIAMS

Has successfully completed
The **EPA- APPROVED AHERA ANNUAL ASBESTOS REFRESHER**
COURSE for **CONTRACTOR/SUPERVISOR**
And passed the requirements examination in that discipline

This course is **EPA-Approved** under Section 206 of the
Toxic Substance Control Act (TSCA)

Course Date 09/22/2017
No. Hours 8
Certificate No. CO092217-01ASR
Expires 09/22/2018

This course meets
the requirements of
AQCC Reg. #8



Training Director

Invalid without raised seal

Colorado Department
of Public Health and
Environment



Worker



Asbestos Certification

Aura L.
De Paz

Expires: 6/15/2018 Cert. #:20488

Date Issued: 6/16/2017

INTERNATIONAL



Environmental and Safety Training L.L.C.
720 Billings Street Unit F
Aurora, Colorado 80011
Phone # (720) 859-3134
Fax # (720) 859-0660

CERTIFIES THAT

AURA L. DE PAZ

Has successfully completed
The **EPA- APPROVED AHERA ANNUAL ASBESTOS REFRESHER**
COURSE for **WORKER**
And passed the requirements examination in that discipline

This course is **EPA-Approved** under Section 206 of the
Toxic Substance Control Act (TSCA)

Course Date 05/13/2017

No. Hours 8

Certificate No. CO051317-02AWR

Expires 05/13/2018

This course meets
the requirements of
AQCC Reg. #8



Training Director

Invalid without raised seal

Colorado Department
of Public Health and
Environment

Supervisor



Asbestos Certification

Carlos H
Luch

Expires: 4/28/2018 Cert. #: 8293

Date Issued: 4/26/2017

INTERNATIONAL

Environmental and Safety Training LLC
720 Billings Street Unit F
Aurora, Colorado 80011
Phone # (720) 859-3134
Fax # (720) 859-0660



CERTIFIES THAT

CARLOS H. LUCH

Has successfully completed
The **EPA- APPROVED AHERA ANNUAL ASBESTOS REFRESHER**
COURSE for **CONTRACTOR/SUPERVISOR**
And passed the requirements examination in that discipline

This course is **EPA-Approved** under Section 206 of the
Toxic Substance Control Act (TSCA)

Course Date 03/10/2018
No. Hours 8
Certificate No. CO031018-03ASR
Expires 03/10/2019

This course meets the
requirements of
AQCC Reg. #8 Part B



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Training Director

Colorado Department
of Public Health and
Environment



Worker



Asbestos Certification

**Celso
Salas-Castro**

Expires: 3/19/2019 Cert. #: 22848
Date Issued: 3/19/2018

INTERNATIONAL



Environmental and Safety Training L.L.C.
720 Billings Street Unit F
Aurora, Colorado 80011
Phone # (720) 859-3134
Fax # (720) 859-0660

CERTIFIES THAT

CELSO SALAS

Has successfully completed
The **EPA- APPROVED AHERA ANNUAL ASBESTOS REFRESHER**
COURSE for **WORKER**

And passed the requirements examination in that discipline

This course is **EPA-Approved** under Section 206 of the
Toxic Substance Control Act (TSCA)

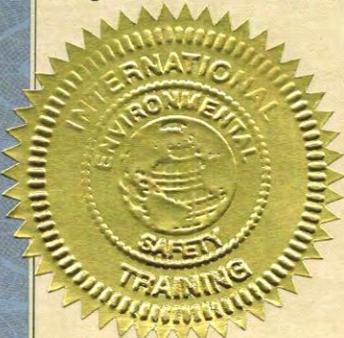
Course Date 03/03/2018

No. Hours 8

Certificate No. CO030318-04AWR

Expires 03/03/2019

This course meets the
requirements of
AQCC Reg. #8 Part B

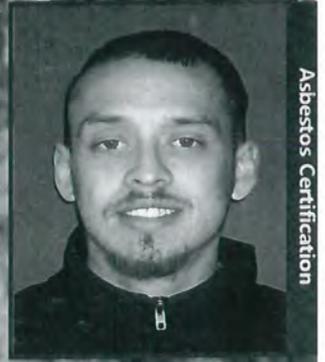


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Training Director

Colorado Department
of Public Health and
Environment

Worker



Asbestos Certification

David
Schlote

Expires: 1/22/2019 Cert. #: 24229
Date Issued: 1/22/2018

INTERNATIONAL

Environmental and Safety Training L.L.C.

720 Billings Street Unit F

Aurora, Colorado 80011

Phone # (720) 859-3134

Fax # (720) 859-0660



CERTIFIES THAT

DAVID J. SCHLOTE

Has successfully completed

The **EPA- APPROVED AHERA ASBESTOS COURSE** for **WORKER**

And passed the requirements examination in that discipline

This course is **EPA-Approved** under Section 206 of the
Toxic Substance Control Act (TSCA)

Course Date 01/08/2018 - 01/11/2018

No. Hours 32

Certificate No. CO010818-06AWI

Expires 01/11/2019

This course meets
the requirements of
AQCC Reg. #8



Invalid without raised seal

A handwritten signature in blue ink, appearing to read 'F. Curran'.

Training Director

Colorado Department
of Public Health and
Environment



Worker

Asbestos Certification

**Dennis M.
Mejia**

Expires: 3/8/2019 Cert. #:21028
Date Issued: 3/7/2018

INTERNATIONAL



Environmental and Safety Training L.L.C.

720 Billings Street Unit F

Aurora, Colorado 80011

Phone # (720) 859-3134

Fax # (720) 859-0660

CERTIFIES THAT

DENNIS MICHAEL MEJIA

Has successfully completed

The **EPA- APPROVED AHERA ANNUAL ASBESTOS REFRESHER**

COURSE for WORKER

And passed the requirements examination in that discipline

This course is **EPA-Approved** under Section 206 of the
Toxic Substance Control Act (TSCA)

Course Date 02/17/2018

No. Hours 8

Certificate No. CO021718-02AWR

Expires 02/17/2019

This course meets
the requirements of
AQCC Reg. #8



Invalid without raised seal

Training Director

Colorado Department
of Public Health and
Environment

Worker



Asbestos Certification

Francisco Juan
Felipe

Expires: 6/21/2018 Cert. #: 4251

Date Issued: 6/21/2017

INTERNATIONAL



Environmental and Safety Training L.L.C.
720 Billings Street Unit F
Aurora, Colorado 80011
Phone # (720) 859-3134
Fax # (720) 859-0660

CERTIFIES THAT

FRANCISCO J. FELIPE

Has successfully completed
The **EPA- APPROVED AHERA ANNUAL ASBESTOS REFRESHER**
COURSE for **WORKER**

And passed the requirements examination in that discipline

This course is **EPA-Approved** under Section 206 of the
Toxic Substance Control Act (TSCA)

Course Date 01/13/2018

No. Hours 8

Certificate No. CO011318-06AWR

Expires 01/13/2019

This course meets
the requirements of
AQCC Reg. #8



Training Director

Invalid without raised seal

Colorado Department
of Public Health and
Environment



Supervisor

Asbestos Certification

George W.
Thomas

Expires: 10/25/2018 Cert. #: 17192
Date Issued: 10/25/2017

INTERNATIONAL

Environmental and Safety Training LLC
720 Billings Street Unit F
Aurora, Colorado 80011
Phone # (720) 859-3134
Fax # (720) 859-0660



CERTIFIES THAT

GEORGE W. THOMAS

Has successfully completed
The **EPA- APPROVED AHERA ANNUAL ASBESTOS REFRESHER**
COURSE for **CONTRACTOR/SUPERVISOR**
And passed the requirements examination in that discipline

This course is **EPA-Approved** under Section 206 of the
Toxic Substance Control Act (TSCA)

Course Date 10/06/2017

No. Hours 8

Certificate No. CO100617-05ASR

Expires 10/06/2018

This course meets
the requirements of
AQCC Reg. #8



A handwritten signature in black ink, appearing to read 'F. Lueros'.

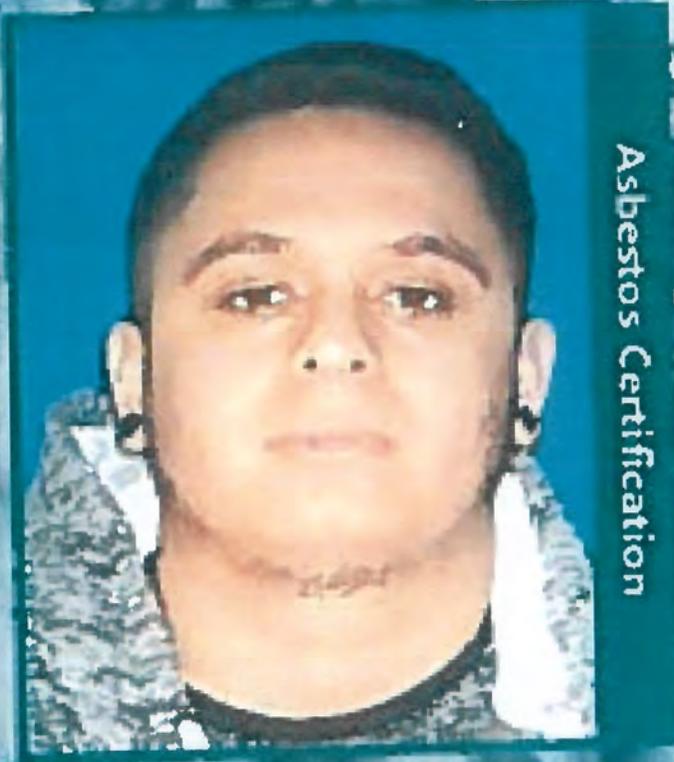
Training Director

Invalid without raised seal

Colorado Department
of Public Health and
Environment



Supervisor



Asbestos Certification

Irving
Grajeda-Gonzalez

Expires: 11/10/2018 Cert. #: 17314

Date Issued: 10/30/2017



CHC Training
 Nationwide Training & Certification Experts
 www.trainingchc.com
 303.412.6360
 (855) 60.CERTIFY

1775 West 55th Avenue
 Denver, CO 80221,
 United States of America

CERTIFICATE OF ACHIEVEMENT

This certificate is awarded to:

IRVING GRAJEDA

In recognition of satisfactory completion of the EPA-approved annual asbestos refresher training course under section 206 of the Toxic Substance Control Act (TSCA), Title II entitled:

CONTRACTOR / SUPERVISOR

COURSE DATE: OCTOBER 13, 2017
 EXPIRATION DATE: OCTOBER 13, 2018
 COURSE HOURS: 8.0



Danaya N. Benedetto
 Co-Founder & CEO
 Training Program Manager

Avron Hix
 Instructor



10925832

R17-1788-AS-CO

Colorado Department
of Public Health and
Environment



Worker



Asbestos Certification

Joseph
Ramirez

Expires: 1/25/2019 Cert. #: 24247
Date Issued: 1/25/2018

INTERNATIONAL

Environmental and Safety Training L.L.C.

720 Billings Street Unit F

Aurora, Colorado 80011

Phone # (720) 859-3134

Fax # (720) 859-0660



CERTIFIES THAT

JOSEPH RAMIREZ

Has successfully completed

The **EPA- APPROVED AHERA ASBESTOS COURSE** for **WORKER**

And passed the requirements examination in that discipline

This course is **EPA-Approved** under Section 206 of the
Toxic Substance Control Act (TSCA)

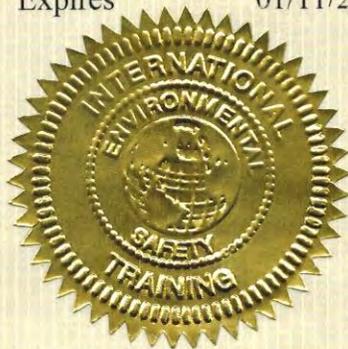
Course Date 01/08/2018 - 01/11/2018

No. Hours 32

Certificate No. CO010818-12AWI

Expires 01/11/2019

This course meets
the requirements of
AQCC Reg. #8



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Training Director

Colorado Department
of Public Health and
Environment

Worker



Asbestos Certification

**Martir Alberto
Menjivar**

Expires: 2/10/2019 Cert. #: 21682
Date Issued: 1/24/2018

INTERNATIONAL



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CERTIFIES THAT

MARTIR ALBERTO MENJIVAR

Has successfully completed
The **EPA- APPROVED AHERA ANNUAL ASBESTOS REFRESHER**
COURSE for **WORKER**

And passed the requirements examination in that discipline

This course is **EPA-Approved** under Section 206 of the
Toxic Substance Control Act (TSCA)

Course Date 01/13/2018

No. Hours 8

Certificate No. CO011318-16AWR

Expires 01/13/2019

This course meets
the requirements of
AQCC Reg. #8



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Training Director

Colorado Department
of Public Health and
Environment



Worker

Asbestos Certification

**Micaela
Esteban**

Expires: 6/16/2018 Cert. #:20502
Date Issued: 6/16/2017

INTERNATIONAL



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CERTIFIES THAT

MICAELA ESTEBAN

Has successfully completed
The **EPA- APPROVED AHERA ANNUAL ASBESTOS REFRESHER**
COURSE for WORKER
And passed the requirements examination in that discipline

This course is **EPA-Approved** under Section 206 of the
Toxic Substance Control Act (TSCA)

Course Date 05/27/2017
No. Hours 8
Certificate No. CO052717-07AWR
Expires 05/27/2018

This course meets
the requirements of
AQCC Reg. #8



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Training Director

Colorado Department
of Public Health and
Environment

Supervisor



Asbestos Certification

Antoine Daniel
Perez

Expires: 6/8/2018 Cert. #: 20423
Date Issued: 6/8/2017

INTERNATIONAL

Environmental and Safety Training LLC
720 Billings Street Unit F
Aurora, Colorado 80011
Phone # (720) 859-3134
Fax # (720) 859-0660



CERTIFIES THAT

ANTOINE DANIEL PEREZ

Has successfully completed
The **EPA- APPROVED AHERA ANNUAL ASBESTOS REFRESHER**
COURSE for CONTRACTOR/SUPERVISOR
And passed the requirements examination in that discipline

This course is **EPA-Approved** under Section 206 of the
Toxic Substance Control Act (TSCA)

Course Date 05/12/2017
No. Hours 8
Certificate No. CO051217-11ASR
Expires 05/12/2018

This course meets
the requirements of
AQCC Reg. #8



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A handwritten signature in black ink, appearing to read 'F. Cuevas'.

Training Director

Colorado Department
of Public Health and
Environment



Worker



Asbestos Certification

Victor
Lerma

Expires: 2/8/2019 Cert. #: 19908

Date Issued: 1/31/2018

INTERNATIONAL



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CERTIFIES THAT

VICTOR A. LERMA

Has successfully completed
The **EPA- APPROVED AHERA ANNUAL ASBESTOS REFRESHER**
COURSE for WORKER

And passed the requirements examination in that discipline

This course is **EPA-Approved** under Section 206 of the
Toxic Substance Control Act (TSCA)

Course Date 01/13/2018
No. Hours 8
Certificate No. CO011318-22AWR
Expires 01/13/2019

This course meets
the requirements of
AQCC Reg. #8



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Training Director

Colorado Department
of Public Health and
Environment



Worker

Asbestos Certification

Henry
Mejia

Expires: 6/27/2018 Cert. #:19496
Date Issued: 6/21/2017

INTERNATIONAL



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CERTIFIES THAT

HENRY MEJIA

Has successfully completed
The **EPA- APPROVED AHERA ANNUAL ASBESTOS REFRESHER**
COURSE for **WORKER**
And passed the requirements examination in that discipline

This course is **EPA-Approved** under Section 206 of the
Toxic Substance Control Act (TSCA)

Course Date 06/10/2017

No. Hours 8

Certificate No. CO061017-06AWR

Expires 06/10/2018

This course meets
the requirements of
AQCC Reg. #8



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Training Director

4. Project Design

4a. Abatement Plan



**Foothills
Environmental, Inc.**

Industrial Hygiene, Safety & Environmental Services

Version 1 of 1 – 2/12/18

**ASBESTOS ABATEMENT
PROJECT DESIGN**

COLONIAL MANOR MOTEL DEMOLITION PROJECT

**COLONIAL MANOR MOTEL
2615 E. 46TH AVENUE
DENVER, COLORADO 80216**

PREPARED FOR:

**JKS Industries, LLC
747 Sheridan Blvd., #9A
Lakewood, Colorado 80214**

May 2, 2017

FEI Project Number: AS18039

Prepared By:
Daniel M. Benecke, CDPHE Cert #1947
Foothills Environmental

Foothills Environmental, Inc.
11099 W. 8th Ave.
Lakewood, Colorado 80215
Phone: 303-232-2660

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APPENDIX A – ACM Tables from Pinyon Report (2018)

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1.0 Scope of Work

1.1 Materials Identified for Removal

The General Abatement Contractor (GAC) will be performing the removal of all asbestos containing material(s) as indicated in the tables in Appendix A. This information was gathered solely from the report prepared by Pinyon Environmental dated January 26, 2018 (Pinyon Report).

The total amount of actual asbestos containing material to be removed is estimated to be greater than the equivalent of a 55 gallon drum. Following is a list of Homogeneous Areas that were identified in the Pinyon report as Regulated Asbestos Containing Materials (RACM). These materials will be removed prior to demolition of the structure.

The following RACM was identified for removal (taken from Tables in Pinyon report):

CK01	Gray Window Caulk, 25% Chrysotile, (all exterior 4'x4' windows)
GL01	Light Gray Window Glazing, 2-3% Chrysotile, (all exterior 4'x4' windows)
INS01	Black Resinous Tar, 3-4% Chrysotile, (on base of heater unit piping)
TSI01	Gray Fibrous Material, 70% Chrysotile, (between first and second floors)
SVF02	Yellow Sheet Flooring, 18% Chrysotile, (Rm 103-104 kitchens, Rm 103)
DWT02/CDW02	Drywall/Joint Compound/Texture, Trace-4% Chrysotile, (Rms 120-127)
VFT02	Brown Floor Tile, 6-8% Chrysotile, (Rm 110 closet)
DWT08/CDW08	Drywall/Joint Compound/Texture, Trace-4% Chrysotile, (Rms 228-242)
TSI02	White Insulation on Pipes, 85% Chrysotile, (B1, B2 attic pipes/vents)
SVF14	Yellow/multi-color Sheet Vinyl, 25% Chrysotile, (Rm 212 Kitchen)
CBA03	Green Sheet Vinyl, 17% Chrysotile, (Rm240 bath)
CK06	White Window Caulk, 25% Chrysotile, (Rm 235 windows)
INS03	Heater Pipe Insulation, Assumed, (Rm 231, 235, 240, 242, 212, 215, 216, 217, 218)
DWT09/CDW09	Drywall/Joint Compound/Texture, Trace-3% Chrysotile, (see Tables)
GL02	Tan/brown Window Glazing, 2% Chrysotile, (B2 window wells)
TSI03	Air Cell Insulation, 80% Chrysotile, (B2 basement, Rm A and 219 all)
CTA28	Ceramic Tile Mastic, 7% Chrysotile, (See tables)
VFT10	Brown Tile w/ Black Mastic, 8% Chrysotile, (Rm B, office)
CK04	Interior gray Window Caulk, 4-8% Chrysotile, (Rm C)
CBA05	Cove Base Adhesive, 10-12% Chrysotile, (Rm AA)
SVF08	Gray Sheet Vinyl, 7% Chrys, (Rm 230, 231, 232, 235,236, 238, 239, 242)
GCK01	Tan/white door and window caulk, 25% Chrysotile, (garage windows/doors)

The following non-RACM was identified for removal (taken from Tables in Pinyon report):

FL01 Roof Flashing, 10% Chrysotile (around chimney and seams b/w flashing and siding)

FL02 Roof Flashing, 7% Chrysotile (roof, seam at metal flashing and siding)

Regulatory asbestos abatement permit notification with the Colorado Department of Public Health and Environment (CDPHE) will be required for this project.

1.2 Schedule

The following schedule has been proposed for the project. Phasing and dates are included in the Multiple Phase Form in Section 1.3, Sequence of Work.

Project Start Date: 2/15/18

Project Completion Date: 3/19/18

1.3 Sequence of Work

The following phasing plan has been developed for the abatement. The Multiple Phase Form that follows corresponds to the drawing numbers attached in Appendix B.

PROJECT DESCRIPTION OR NAME		GAC NAME		DATE		PERMIT NO. (IF ISSUED)	
Colonial Manor Motel (AP-66) 2615 E. 46 th Ave. Denver, CO 80216		JKS Industries		2/01/2017			

PHASE NO.	BUILDING/SITE OR ADDRESS	ROOM/LOCATION OF PHASE	WORK DATES		WORK TIMES		AMOUNT TO BE ABATED	TYPE OF MATERIAL TO BE ABATED
			START DATE	END DATE	START TIME	END TIME		
1	Colonial Manor Motel (AP-66) 2615 E. 46 th Ave. Denver, CO 80216	Detached Garage	2/15/2018	2/18/2018	6:30am	5:00pm	12 SF	Window/door pliable caulking
2	Colonial Manor Motel (AP-66) 2615 E. 46 th Ave. Denver, CO 80216	Office-Basement	2/15/2018	2/20/2018	6:30am	5:00pm	2665 LF 20 SF	Air Cell Cove Base
3	Colonial Manor Motel (AP-66) 2615 E. 46 th Ave. Denver, CO 80216	Office-Main	2/15/2018	2/20/2018	6:30am	5:00pm	395 SF	VAT
4	Colonial Manor Motel (AP-66) 2615 E. 46 th Ave. Denver, CO 80216	RM 103 and 104 Kitchen	2/15/2018	2/20/2018	6:30am	5:00pm	200 SF	Sheet vinyl flooring
5	Colonial Manor Motel (AP-66) 2615 E. 46 th Ave. Denver, CO 80216	RM 110 Closet	2/15/2018	2/20/2018	6:30am	5:00pm	75 SF	VAT

6	Colonial Manor Motel (AP-66) 2615 E. 46 th Ave. Denver, CO 80216	RMs 120, 121, 122, 123, 124, and 127	2/15/2018	3/2/2018	6:30am	5:00pm	160 LF 1600 SF 4 SF	TSI Textured drywall Paper Duct tape Seams
7	Colonial Manor Motel (AP-66) 2615 E. 46 th Ave. Denver, CO 80216	Basement Boiler	2/26/2018	3/9/2018	6:30am	5:00pm	5000 LF 6 SF	Air-o-cell Hard pack fittings
8	Colonial Manor Motel (AP-66) 2615 E. 46 th Ave. Denver, CO 80216	Basement RM 129	2/26/2018	3/9/2018	6:30am	5:00pm	1000 SF 335 LF	Sheet vinyl flooring Air-o-cell
9	Colonial Manor Motel (AP-66) 2615 E. 46 th Ave. Denver, CO 80216	RM 212	2/26/2018	3/02/2018	6:30am	5:00pm	120 SF	Sheet vinyl flooring
10	Colonial Manor Motel (AP-66) 2615 E. 46 th Ave. Denver, CO 80216	RMs 211, 215, 217, and 218	2/26/2018	3/09/2018	6:30am	5:00pm	400 SF	Ceramic Tile with gray mastic
11	Colonial Manor Motel (AP-66) 2615 E. 46 th Ave. Denver, CO 80216	RMs 228, 229, 230, 231, 232, 233, 234 and 235	3/09/2018	3/19/3028	6:30am	5:00pm	2300 SF 4 SF 160 LF 300 SF	Textured drywall Paper Duct Tape seams TSI associated/radiant heaters Ceramic Tile with gray mastic
12	Colonial Manor Motel (AP-66) 2615 E. 46 th Ave. Denver, CO 80216	Motel - Exterior	3/12/2018	3/19/2018	6:30am	5:00pm	88 SF 100 Sf	Exterior window caulking Roof flashing
13	Colonial Manor Motel (AP-66) 2615 E. 46 th Ave. Denver, CO 80216	Radiant Heaters/All Rooms	2/15/2018	3/19/2018	6:30am	5:00pm	100 LF	Black Cork/TSI

Page ____ of ____

1.4 Discussion of Removal Methods

All friable and non-friable asbestos-containing materials that will become friable, as well as asbestos contaminated materials that are located in the work area shall be removed from their installed locations inside a full containment or by using secondary containments with glovebags, and by utilizing wet removal methods and a combination of handheld tools. Non-friable materials that are not expected to become friable during removal may be removed using reduced engineering controls, critical barriers, negative pressure, wet methods, and air monitoring.

Waste generated during removal will be gathered placed into 2 6ml thick properly labeled disposal bags while wet. Work must be accomplished using CDPHE certified supervisors and workers.

Work completion includes preparation of the work area, pre-clean activities, removal and disposal of all specified ACM from the premises, final cleaning of the work area, final visual inspection, lockdown, and final clearance monitoring. The project will be considered complete when all containments and work areas have passed clearance criteria.

The following types of containments will be used during the project followed by procedures for setup and dismantling:

Full Containments

The GAC shall conduct abatement activities in accordance with CDPHE Regulation No. 8 in the following mandatory sequence for each full containment:

- 1) Install critical barriers (pursuant to subsection III.I, Critical Barrier Installation)
- 2) Establish negative pressure (pursuant to Regulation No. 8 subsection III.J, Air Cleaning and Negative Pressure Requirements)

Note: The removal of non-ACM building materials and components may only take place after negative air pressure is established in the containment work area(s).

- 3) Construct the decontamination area (pursuant to subsection III.K, Decontamination Area)
- 4) Pre-clean surfaces (pursuant to subsection III.L, Pre-cleaning of Surfaces)
- 5) Cover fixed objects (pursuant to subsection III.M, Covering Fixed Objects)
- 6) Construct the containment (pursuant to subsection III.N, Containment Components)
- 7) Conduct abatement (pursuant to subsection III.O, Abatement Methods)
- 8) Conduct final visual inspection (pursuant to paragraph III.P.1., Final Visual Inspection)
- 9) Conduct final clearance air monitoring (pursuant to paragraph III.P.3., Final Clearance Air Monitoring)
- 10) Conduct the tear-down (pursuant to subsection III.Q., Tear-down)

Secondary Containments and Glovebags

Aircell and other pipe insulation may be removed by using Secondary Containments (modified number of layers of walls and ceilings, negative pressure, airtight barriers, and decontamination units adjacent to the work area) and glovebags. The following procedures will be utilized for placement and removal using glovebags:

- Secondary Containment and Polyethylene Drop Cloth
 - Preparation of work areas for glovebag work activities shall involve the demarcation of the work area and setting up a Secondary Containment, restricting access to the work area and the use of a polyethylene drop cloth on the floor. A single layer of

polyethylene shall be spread on the floor of the work area and taped or weighted in place. If floor is a soft material, such as carpet, use caution to prevent tearing of polyethylene under equipment. The drop cloth should cover an area large enough to catch falling debris. If work is to be performed at an elevated level, the drop cloth should be placed on the work platform, or extended at ground level beyond the immediate work location to catch any debris that might be generated.

- Glovebag Placement and Removal Procedures
 - Glovebags should be used only once and should not be moved to another location to perform additional removal work.
 - Place necessary tools into pouch located inside glove bag, cut lag cloth to sizes needed to cover any ACM that will remain after glovebag work is completed.
 - Place one strip of duct tape along the bottom edge of the of glove bag for reinforcement.
 - Secure glovebag with duct tape to ceiling around removal area providing 8-12” of space inside glovebag between removal surface area and glovebag for working room.
 - Use smoke tube and aspirator bulb to test seal. If leaks are found, seal breaches using duct tape and re-test.
 - Insert wand from garden sprayer with amended water through water sleeve. Duct tape water sleeve tightly around the wand to prevent leakage.
 - Insert wand from HEPA vacuum through vacuum sleeve. Duct tape sleeve tightly around the wand to prevent leakage.
 - Remove insulation from pipe. Use caution to avoid cutting or dislodging glovebag.
 - Spray amended water on the cutting area to keep dust inside the glovebag to a minimum.
 - Remove insulation using scraper or other tools. Place pieces in bottom of bag without dropping. Rinse all tools with amended water inside the bag and place back into pouch or a sleeve of the glovebag turned inside out.
 - Using nylon brush, scrub pads, disposable towels and amended water, scrub and wipe down the removal area.
 - Seal exposed ACM around removal area using pre-wetted lag cloth or encapsulate with a bridging encapsulant. Encapsulate removal area with an appropriate lockdown encapsulant.
 - Wash down inside of glovebag with amended water and wipe as necessary to move all debris and residue to lower part of glovebag (below where bag will be twisted and cut).
 - Summon AMS for visual inspection of glovebag.
 - Upon successful visual by AMS, remove water wand from water sleeve, twist water sleeve closed and seal with duct tape.
 - Place the tool pouch into glove and twist glove to seal it from rest of bag. Place duct tape over twisted portion and then cut the tool bag from the glove bag, cutting through the twisted/taped section.
 - Evacuate air from glovebag using HEPA vacuum. With HEPA vacuum operating and removed insulation in the bottom of the bag, twist the bag several times and tape it to keep the material in the bottom during removal of the glove bag from the removal area.

- Slip a 6 mil (0.15 mm) disposal bag over the glove bag (still attached to removal area). With the hose of an operating HEPA vacuum inserted in the upper part of glovebag, remove tape or cut bag and open the top of the glove bag and fold it down into disposal bag.
- Clear Secondary Containment according to procedures in Section 3.14.

All waste from the containments will be packaged in approved containers and transferred to an approved landfill for disposal. After successful air clearance of each containment the containment can be removed and all non-reusable containment materials will be packaged for disposal.

2.0 Special Conditions

2.1 Regulatory Notification and Variances

The General Abatement Contractor, (GAC) will make any required notifications to Federal and State entities regulating their work as required by applicable rules, regulations, and standards. This includes, but is not limited, to the National Emission Standards for Hazardous Air Pollutants (NESHAP) notification [notice provided to the Colorado Department of Public Health and Environment (CDPHE) with permit application. *The abatement contractor is responsible for quantifying amounts of ACM necessary to properly complete the project.*

2.2 Facility Occupancy Status

During abatement activities the building will not be occupied by the former tenants but may be visited by owner personnel as well as other tradesmen.

2.3 Site Security

Entry to the regulated asbestos work area is by permission only to authorized personnel. The perimeter of the work area may be monitored during abatement by a certified Air Monitoring Specialist (AMS). Only asbestos certified/licensed personnel employed by the GAC or federal or state regulatory agency personnel and the AMS will be allowed access to the work area. A logbook will be maintained at the entrance to the work area. Everyone who enters the work area must record name, affiliation, time in and time out for each entry.

2.4 Field Changes

Minor modifications to the project design are allowed. Minor changes include but are not limited to, relocation of negative air machines, decontamination facility and waste load-out. Any modifications to the project design must be approved by the Project Designer before the changes are made.

3.0 Project Design

3.1 Standards and Primacy of Rules

The following standards will be adopted as they pertain to asbestos abatement. In any instance where adopted standards are in conflict with each other, the most stringent shall apply.

- 1) Colorado Department of Public Health and Environment Regulation #8

- 2) 5CCR 1000-10 Part B asbestos handling, transportation, and storage
- 3) 29 CFR 1926.1101, the OSHA Construction Industry Asbestos Standard
- 4) 40 CFR 61 Subpart M, EPA's NESHAP Asbestos Standard
- 5) NIOSH/OSHA/EPA –“Occupational; Safety & Health Guidance Manual for Hazardous Waste Site Activities”, Section 8-20; Heat Stress and Other Physiological Factors.
- 6) All other applicable laws, rules, and regulations, including but not limited to those relating to:
 - 7 Workers' Compensation Insurance;
 - 8 Liability Insurance
 - 9 All contract specifications and documentation

3.2 Site Access

The GAC has access to the facility for the purpose of abatement from 6:30 AM to 5:00 PM until project completion which is projected to be 3/19/18.

3.3 Utilities Service

Access to electrical power water and sanitary sewer is available inside the facility. Any temporary utility lines running to the regulated asbestos work area shall be adequately protected from damage and abrasion from vehicle and foot traffic. All waste water shall be filtered to five (5) microns prior to discharge into a sanitary sewer.

The GAC shall provide temporary restrooms.

3.4 Decontamination Facilities & Load-Out Facilities

Personnel decontamination facilities shall consist of an Equipment (Dirty) Room, Shower, and a clean room constructed in accordance with Regulation #8 III.K Decontamination Unit. The Waste Load Out shall consist of two separate chambers constructed in accordance with Regulation #8 - III.N.3.

All load-out and disposal procedures shall be in accordance with applicable federal, state, and local regulations and project specifications.

3.5 Critical Barriers

All critical barriers will consist of a minimum 1 layer of 6mil poly critical barrier on all, openings, and vents.

3.6 Negative Pressure Ventilation

The GAC shall maintain a negative pressure differential of -0.02 inches of water in the work areas in accordance with Regulation #8 III.J Air cleaning and Negative Pressure Requirements, until final visual and clearance air monitoring complete. The calculations in the next section take into account at least 1 backup Negative Air Machine (NAM) with HEPA filtration. The contractor will also be using generators for maintaining electrical supply. In the case of generator failure, all workers will leave the work area and seal the containment. A replacement generator will be available onsite or within an hour's time of the project for use in case of failure. Work will resume when negative pressure is restored. If negative pressure is not restored within an hour's time alternate means of electrical supply will be sought. If no supply is available, contractor will contact CDPHE and follow directions for spill response.

3.7 Air Exchange Calculations

AIR CHANGE CALCULATIONS *for a 2000 cfm negative air machine (NAM)*

$$\text{AIR CHANGES} = \frac{A}{B \times C}$$

Where: A = Room volume in cubic feet ($l \times w \times h$)
B = 15 minutes
C = Estimated rated capacity of NAM (1,500 cfm)

Phase 1 Garage

No Containments

Phase 2 Office - Basement

$$\begin{aligned} A &= 63 \times 6 \times 9 = 3402 \text{ cubic feet} \\ B \times C &= 22,500 \\ \frac{3402}{22,500} &= 0.15 \end{aligned}$$

1 NAM's required
2 NAM's recommended

Phase 3 Office - Main

$$\begin{aligned} A &= 24 \times 14 \times 9 = 3024 \text{ cubic feet} \\ B \times C &= 22,500 \\ \frac{3024}{22,500} &= 0.13 \end{aligned}$$

1 NAM's required
2 NAM's recommended

Phase 4 Room 103 and 104 Kitchens

$$\begin{aligned} A &= 12 \times 12 \times 9 = 1296 \text{ cubic feet} \\ B \times C &= 22,500 \\ \frac{1296}{22,500} &= 0.06 \end{aligned}$$

1 NAM's required
1 NAM's recommended

Phase 5 Room 110 Closets

$$\begin{aligned} A &= 12 \times 3 \times 9 = 324 \text{ cubic feet} \\ B \times C &= 22,500 \\ \frac{324}{22,500} &= 0.01 \end{aligned}$$

1 NAM's required
1 NAM's recommended

Phase 6 Rooms 120-124 and 127

$$\begin{aligned} A &= 50 \times 49 \times 9 = 22050 \text{ cubic feet} \\ B \times C &= 22,500 \\ \frac{22050}{22,500} &= 0.98 \end{aligned}$$

1 NAM's required
4 NAM's recommended

Phase 7 Basement Boiler

$$\begin{aligned}
 A &= 22 \times 25 \times 9 = 4950 \text{ cubic feet} \\
 B \times C &= 22,500 \\
 4950 &/ 22,500 = 0.22
 \end{aligned}$$

1 NAM's required
2 NAM's recommended

Phase 8 Basement Room 219

$$\begin{aligned}
 A &= 18 \times 19 \times 9 = 3078 \text{ cubic feet} \\
 B \times C &= 22,500 \\
 3078 &/ 22,500 = 0.14
 \end{aligned}$$

1 NAM's required
1 NAM's recommended

Phase 9/10 Room 112 and Room 211

$$\begin{aligned}
 A &= 10 \times 10 \times 9 = 900 \text{ cubic feet} \\
 B \times C &= 22,500 \\
 900 &/ 22,500 = 0.04
 \end{aligned}$$

1 NAM's required
2 NAM's recommended

Phase 10 Rooms 215, 217, and 218 (including 243 Restroom)

$$\begin{aligned}
 A &= 16 \times 15 \times 9 = 2160 \text{ cubic feet} \\
 B \times C &= 22,500 \\
 2160 &/ 22,500 = 0.10
 \end{aligned}$$

2 NAM's required
6 NAM's recommended

Phase 11 Rooms 228 to 235 and 236 to 243

$$\begin{aligned}
 A &= 96 \times 52 \times 9 = 44928 \text{ cubic feet} \\
 B \times C &= 22,500 \\
 44928 &/ 22,500 = 2.00
 \end{aligned}$$

1 NAM's required
4 NAM's recommended

Phase 12 Exterior Caulk, Glazing and Roof Flashing

No Containments required

Phase 13 Radiant Heaters/All Rooms

No Containments required

3.8 Containment Construction

Containments for the asbestos removal shall be constructed in accordance with CDPHE Regulation 8 and this project design. Danger signs will be posted at ingress locations, and approaches to locations, where airborne concentrations of asbestos exceed or can reasonably be expected to exceed the PEL. Signs will be posted at a distance sufficiently far from the work area to permit an employee to read the sign and take the necessary protective measures to avoid exposure. Additional signs may need to be posted following construction of workplace containment barriers.

Danger signs will include the following wording:

**DANGER
ASBESTOS
CANCER AND LUNG DISEASE HAZARD
AUTHORIZED PERSONNEL ONLY
RESPIRATORS AND PROTECTIVE CLOTHING ARE REQUIRED IN THIS AREA**

3.9 Set up of work areas

Full Containment Components

2"x 4"s wood studding can be used as temporary framing and 4' x 8' x 1/2" plywood sheets to support all exterior containment systems; this may include tie wires also where needed. 1 layer of 10 mil re-enforced poly sheeting will be utilized for any exterior critical barriers, negative air machines will be installed once the poly sheeting is installed. A full 3 stage decontamination unit equipped with hot and cold water, shampoo, disposable towels and a 2 stage water filtration unit filter all water to 1 micron, prior to being discharged into the sanitary sewer system. Two layers of 4 mil poly sheeting will be installed within the 10 mill critical poly sheeting barriers as exterior walls and ceiling if needed. 2 layers of 6 mill poly sheeting will be placed on floors. View ports will be installed where appropriate with a minimum of 12" x 12" Plexi™ glass and or exterior windows.

Air flow testing utilizing smoke tubes will be performed to validate air flow direction and air exchanges.

Pre-Cleaning Activities

Pre-cleaning activities will be performed in accordance with CDPHE Regulation 8. All workers performing pre-cleaning must utilize HEPA equipped vacuums and wet methods. Any prepping activities that will contact non-friable ACM, or be within arms' reach of friable ACM must be accomplished by workers utilizing PPE.

3.10 Asbestos Removal

Removal of materials containing asbestos and contaminated with asbestos shall be performed in accordance with the Colorado Department of Public Health and Environment Regulation 8 III, Abatement, Renovation and Demolition Projects and this project design.

3.11 Asbestos Spill Response

In the event of a spill or a breach of the regulated work area containment, follow procedures in Section III.T. of Regulation No. 8, which includes cleaning the area outside the regulated

work area. Visible debris shall be cleaned utilizing HEPA vacuuming and wet wiping plus an additional 10 horizontal feet beyond the visible debris. All filters, mop heads, and cloths utilized during clean-up activities shall be disposed of as asbestos contaminated waste in leak tight containers.

The GAC shall have available, equipment and supplies (HEPA filtered vacuum, airless sprayer with amended water, mops, rags, polyethylene sheeting, duct tape, caution tape...) for spill response in the event of accidental spill of materials containing asbestos.

In the event of an asbestos spill outside the work area containment the GAC shall:

- Make appropriate notices based on size of spill.
- Immediately wet the spilled material and surrounding area with the airless sprayer.
- Restrict access to the spill area and post warning signs to prevent entry to the area by persons other than those necessary to respond to the incident.
- Seal all openings between the contaminated and uncontaminated areas as directed by the asbestos consultant. This is to be accomplished by using polyethylene sheeting and tape.
- HEPA vacuum and wet clean all surfaces in the contaminated area.

Following completion of the above, the on sight Air Monitoring Specialist shall conduct a visual assessment of the spill area to confirm adequate cleaning has been accomplished by the GAC.

3.12 Asbestos Waste Transportation, Storage, and Disposal

All ACM waste must be wrapped in two layers of 6 mil polyethylene sheeting or double-bagged in 6 mil polyethylene bags labeled with the appropriate OSHA label for asbestos and must also bear the generator label as required by EPA's 40 CFR 61 Subpart M NESHAP Standard. Containerizing and transport of asbestos wastes shall be in accordance with applicable federal and state regulations.

The existing installed building finishes, hardscaping and landscaping shall be protected from damage by the GAC, until completion of all works.

Safety scaffolding, rubbish skips, access ladders etc. shall be approved by the client and in accordance with the current Health and Safety regulations.

GAC workers will not drag or drop packaged waste. All waste equipment and materials will be hand carried, or transported in wheeled carts to waste transport vehicles.

All packaged asbestos waste shall be directly loaded from the work area onto a 6mil polyethylene lined enclosed truck or dumpster container for disposal. No waste material may be temporarily stored in the building or the work area containment.

Waste Disposal:

All waste containers shall be transported from the permitted work areas to an approved disposal land fill by the GAC (Denver Aurora Disposal Site).

Waste Transporter:

By 5280 Waste Solutions.

3.13 Final Clean/ Final Visual Inspection Criteria

All interior surfaces of the work area will be free of visible dust and debris. The work area must pass a final visual inspection by a CDPHE Certified Air Monitoring Specialist (AMS) leaving only critical barriers in place.

3.14 Final Air Clearance Monitoring

Clearance criteria for this containment shall be in accordance with CDPHE Regulation #8, Section III.P

For each work area within the project where the amount of ACM is:	State-Permitted Project in Non-School Building	
	Minimum # of samples to clear each of the following:	
	Work Area	Project
Less than 3 square feet/3 linear feet	1	5
From 3 square feet/3 linear feet up to 32 square feet/50 linear feet/volume equivalent of a 55-gallon drum	2	5
Greater than 32 square feet/50 linear feet/volume equivalent of a 55-gallon drum up to 160 square feet/260 linear feet/volume equivalent of a 55-gallon drum	5	5
Greater than 160 square feet/260 linear feet/volume equivalent of a 55-gallon drum	5	5

Upon notification that clearance monitoring levels are acceptable, the GAC may remove critical barriers and demobilize from the work area. If any samples collected for the final air test exceeds (0.01 fibers per cubic centimeter, 0.01 f/cm³ for PCM using the NIOSH Method 7400 or 70 structures per square millimeter (70 s/mm²) as analyzed by the TEM method in 40 C.F.R. Part 763 Appendix A to Subpart E (EPA 1995) the entire work area shall be re-cleaned immediately upon receipt of air test results.

Any failed abatement work area shall be re-tested and the costs associated for additional Final Clearance Air Monitoring shall be borne by the GAC at no additional cost to the Owner.

3.15 Personal Exposure Air Monitoring

The GAC shall be responsible for conducting personal exposure air-monitoring as applicable in accordance with OSHA 29 CFR 1926.1101 Asbestos Construction Standard. Contractor to supply results to MAM and will post results.

3.16 Electrical Hazards Control

All electrical power utilized during the project will be on ground fault circuit interrupters (GFCI) whose power source is located outside the work area.

3.17 Emergency Egress and Fire Protection

The abatement contractor shall abide by the emergency egress rules for the facility. All contractor personnel shall receive emergency procedure orientation specific to the facility prior to initiation of abatement activities.

3.18 Fire Protection Plan

1. No items capable of initiating or sustaining combustion (lighters, matches, torches, etc.) will be allowed in containment.

2. The use of flammable liquids is not permitted.
3. Any electricity utilized must be on Ground Fault Circuit Interrupters (GFCI).
4. A minimum of one, 2A: 20B: C rated fire extinguishers will be maintained on-site. There must be available at least one 2A: 20B: C rated fire extinguisher within a maximum travel distance of 10 feet from any point in the work area.
5. Workers will be trained in the use of fire extinguishers, emergency egress plans, basic fire safety, and emergency reporting procedures prior to work beginning.
6. All emergency exits will be labeled as such with tools available for breaching poly and keys in door locks where necessary.
7. The Contractor must implement an emergency action and fire prevention plan in accordance with 29 CFR 1910.38 Employee emergency plans and fire prevention plans.

3.19 Fall Protection

The GAC shall provide proper fall protection and training for their employees when working above 6 feet of height in accordance with Occupational Safety and Health Administration 29 CFR Part 1926 Subpart M Fall Protection.

3.20 Respiratory Protection / PPE

The GAC shall provide proper respiratory protection for their employees with NIOSH approved HEPA filters during all pre-clean, abatement removal, waste load out procedures and during waste lift operations for effected employees. The GAC shall provide proof of medical fitness to wear respiratory protection and current fit testing documentation for all employees.

3.21 Work Area Protection

The GAC shall repair or replace, to the Owner's satisfaction, any damage caused by the GAC or GAC subcontractors, to existing finishes, landscaping, or other building components.

3.22 Additional PPE

- Hooded Tyvek suits
- Safety Glasses with side shields (exception – not required when wearing a full face respirator).
- Leather Gloves
- Safety toe boots
- Fall Protection as required.
- PPE per MSDS / SDS requirements.

3.23 Pre-Abatement Document Submittal

The GAC shall provide the following submittals to the Owner's Asbestos Competent Person / Safety Department for approval prior to site mobilization.

- ✓ Copies of all worker AHERA / STATE certifications.
- ✓ Copies of all worker asbestos medical evaluations.
- ✓ Copies of all worker respirator fit tests.

- ✓ Copies of MSDS for all chemicals (spray-glue, encapsulant, surfactant etc.) that will be used
- ✓ Asbestos waste receipt / total.

Completed by:



Daniel M. Benecke CDPHE Asbestos Project Designer Certificate # 1947

Foothills Environmental Asbestos Consulting Firm CDPHE Registration # 14925

Appendix A

ACM Tables

Table I Positive Asbestos Containing Samples, AP-66, Colonial Manor Motel

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification	Estimated Quantity (Sq. ft.)
Samples Collected on December 20, 2017								
FL01-01	Roof, NW corner between black roof and shingle roof	7% Chrysotile	PLM	Good	Flashing, black tar	Roof, around chimney and seams between metal flashing and siding	Category I – Non-Friable	50
FL01-02	Roof, north side of chimney	ND	PLM	Good				
FL01-03	Roof, south side of chimney	10% Chrysotile	PLM	Good				
FL02-01	Roof, above building between black and red roofs (NW corner)	7% Chrysotile	PLM	Good	Flashing, black tar with silver/pink	Roof, seam at metal flashing and siding, throughout buildings	Category I – Non-Friable	50
FL02-02	Roof, above building between black and red roofs (NW corner)	7% Chrysotile	PLM	Good				
FL02-03	Roof, above building between black and red roofs (NW corner)	7% Chrysotile	PLM	Good				
Samples Collected on January 18, 2018								
CK01-01	Exterior window of 105	25% Chrysotile	PLM	Poor	Gray Caulk	All exterior windows (4x4) windows	RACM	1000 Linear Feet
CK01-02	Exterior window of 103	25% Chrysotile	PLM	Poor				
CK01-03	Exterior window of 101	25% Chrysotile	PLM	Poor				
CK01-04 ¹	Exterior window room 101	Chrysotile 25%	PLM	Poor	Gray Caulk			
GL01-01	Exterior window of 125	3% Chrysotile	PLM	Poor	Light gray glazing	All exterior windows (4x4) windows	RACM	1000 Linear Feet
GL01-02	Exterior window of 121	2% Chrysotile	PLM	Poor				

Table I Positive Asbestos Containing Samples, AP-66, Colonial Manor Motel

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification	Estimated Quantity (Sq. ft.)
GL01-03	West exterior window of 126	3% Chrysotile	PLM	Poor	Light gray glazing	All exterior windows (4x4) windows	RACM	1000 Linear Feet
GL01-04 ¹	Duplicate of GL01-03	ND	PLM	Poor				
INS01-01	East heating pipe 101	4% Chrysotile	PLM	Poor	Black resinous tar with brown cork on base of heater units piping	Rm101; RM102; RM103; RM105; 106;107; 108; 109;110; 104; 120; 121; 125; 123 (assumed, stuff in way) 122; 126	RACM	<20 linear feet
INS01-02	East edge heating pipe 110	3% Chrysotile	PLM	Poor				
INS01-03	Heater piping 122	Chrysotile 3%	PLM	Poor				
TSI01-01	Room 121 beneath floor; pipe insulation of pipe connecting to air unit	Chrysotile 70%	PLM	Good	Gray fibrous material	Between first and second floors of B1 under floor wood plank in all rooms in B2.	RACM	50 linear
TSI01-02	Room 121 beneath floor; pipe insulation of pipe connecting to air unit	Chrysotile 70%	PLM	Good				
TSI01-03	Room 121 beneath floor; pipe insulation of pipe connecting to air unit	Chrysotile 70%	PLM	Good				

Table I Positive Asbestos Containing Samples, AP-66, Colonial Manor Motel

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification	Estimated Quantity (Sq. ft.)
Samples Collected on January 19, 2018								
SVF02-01	Room 103 kitchen north wall	ND	PLM	Poor	Brown adhesive; brown sheet vinyl with black fibrous backing material	Room 103 kitchen and room 104 kitchen	RACM	200
SVF02-02	Room 103 closet center	Chrysotile 18%	PLM	Poor	Brown adhesive and off-white yellow with gray fibrous backing material			
SVF02-03	Room 103 south	Chrysotile 18%	PLM	Poor	Brown adhesive and off-white yellow sheet vinyl with gray fibrous backing material	Room 103 kitchen and room 104 kitchen	RACM	200
SVF02-04	Duplicate of SVF02-03	Chrysotile 18%	PLM		Yellow/white sheet vinyl with white fibrous backing material and brown mastic	Room 103		
DWT02-01	Room 120 bath – north wall	Chrysotile 8%	PLM	Good	Gray compound, light gray multi-colored paint, white tape, and white/brown drywall	Room 120 north wall of bathroom and bedroom; room 121 east wall; room 123 south wall only; room 122 south wall; room 122 bath east wall;	RACM	1,600

Table I Positive Asbestos Containing Samples, AP-66, Colonial Manor Motel

Sample Name	Sample Location	Lab Results/Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification	Estimated Quantity (Sq. ft.)
DWT02-02	Room 121 east wall	Tremolite/Actinolite <1%	PLM		White/brown drywall	room 124 bathroom east wall; room 124 north; 125 bathroom neswc; room 126 se; room 126 bath csne; room 127 south; room 127 bath nse		
DWT02-04	Room 124 east wall bathroom	Chrysotile 4%	PLM	Good	Off-white compound, white paint with white compound, off-white pink paint, white multi-colored paint with off-white compound, and white/brown drywall	Room 120 north wall of bathroom and bedroom; room 123 south wall only; room 122 south wall; room 122 bath east wall; room 124 bathroom east wall; room 124 north; 125 bathroom neswc; room 126 se; room 126 bath csne; room 127 south; room 127 bath nse	RACM	1,600
DWT02-03	Room 122 south wall	Chrysotile 4%	PLM		Off-white compound, white multi-layered paint with white compound, off-white multi-colored paint with white compound, white multi-colored paint, and white/brown drywall			

Table I Positive Asbestos Containing Samples, AP-66, Colonial Manor Motel

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification	Estimated Quantity (Sq. ft.)
DWT02-05	Room 124 bedroom north wall	Chrysotile 4% Tremolite/Actinolite <1%	PLM		Off-white compound, white multi-layered paint with white compound, light gray multi-colored paint, and white/brown drywall			
DWT02-06	Room 125 bathroom south wall	ND	PLM		White/brown drywall with white multi-layered paint			
DWT02-07	Room 127 south wall	Chrysotile 4%	PLM	Good	Off-white compound, pink/white paint, white multi-colored paint with white compound, and white/brown drywall	Room 120 north wall of bathroom and bedroom; room 123 south wall only; room 122 south wall; room 122 bath east wall; room 124 bathroom east wall; room 124 north; 125 bathroom neswc; room 126 se; room 126 bath csne; room 127 south; room 127 bath nse	RACM	1,600
CDW02-01	Associated with DWT02-01 sample	Chrysotile 4% Tremolite/Actinolite <1%	PLM		Off-white compound and white/brown drywall			
CDW02-02	Associated with DWT02-02 sample	Chrysotile 8%	PLM		White multi-colored paint, off-white compound, off-white joint compound, white tape, white plaster, white/brown drywall, and tan granular plaster.			

Table I Positive Asbestos Containing Samples, AP-66, Colonial Manor Motel

Sample Name	Sample Location	Lab Results/Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification	Estimated Quantity (Sq. ft.)
CDW02-04	Associated with DWT02-04 sample	Chrysotile 8%	PLM		Tan granular material, white plaster, off-white texture, white tape, white multi-colored paint white, and off-white joint compound			
CDW02-03	Associated with DWT02-03 sample	ND	PLM		Yellow resinous material, white multi-layered paint with white texture, and white/brown drywall with white/multi-colored paint	Room 120 north wall of bathroom and bedroom; room 123 south wall only; room 122 south wall; room 122 bath east wall; room 124 bathroom east wall; room 124 north; 125 bathroom neswc;	RACM	1,600
CDW02-05	Associated with DWT02-05 sample	Chrysotile 10%	PLM	Good	Green multi-colored paint, white paint with white compound, white plaster, tan compound, off-white compound, white woven material, white multi-colored paint with off white compound, and white compound	room 126 se; room 126 bath csne; room 127 south; room 127 bath nse		

Table I Positive Asbestos Containing Samples, AP-66, Colonial Manor Motel

Sample Name	Sample Location	Lab Results/Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification	Estimated Quantity (Sq. ft.)
CDW02-06	Associated with DWT02-06 sample	Chrysotile 4%	PLM	Good	White multi-colored paint, off-white compound, white multi-colored paint with white compound, and white/brown drywall			
CDW02-07	Associated with DWT02-07 sample	Chrysotile 4% Tremolite/Actinolite <1%	PLM	Good	Tan/white paint, off-white compound, tan/white paint with off-white compound, white multi-colored paint with white coating, and white/brown drywall	Room 120 north wall of bathroom and bedroom; room 123 south wall only; room 122 south wall; room 122 bath east wall; room 124 bathroom east wall; room 124 north; 125 bathroom neswc; room 126 se; room 126 bath csne; room 127 south; room 127 bath nse	RACM	1,600
CDW02-08	Duplicate of CDW02-07	Chrysotile 4% And trace amounts of Tremolite/Actinolite	PLM	Good	Duplicate of CDW02-07	Duplicate of CDW02-07		
VFT02-01	Room 110 bedroom closet	Chrysotile 8%	PLM	Poor	Off-white paint and brown floor tile	110 bedroom closet		

Table I Positive Asbestos Containing Samples, AP-66, Colonial Manor Motel

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification	Estimated Quantity (Sq. ft.)
VFT02-02	Room 110 bedroom closet	Chrysotile 6%	PLM	Poor	Off-white paint and brown floor tile	Same as above		
VFT02-03	Room 110 bedroom closet	Chrysotile 8%	PLM	Poor	Off-white paint and brown floor tile with off white paint	Same as above		
Samples collected January 22, 2018								
DWT08-01	Room 228 bathroom south wall	ND	PLM	Good	Off-white/tan drywall with light gray multi-colored paint	Rooms 228 bathroom eswc; 229 bath nwe walls; 230 bath west wall (not chase); 232 east wall; 232 bath neswc; n walls; 233 bath cwe walls; 233 east angled wall; 236 bath w and n wall and ceiling; 238 bath w wall near sink but not chase area (north side of west wall); 239 bath w wall and s wall and n wall; 240 e wall; 240 bath ceiling and e&s walls; 242 south wall	RACM	1,400
DWT08-02	Room 229 bathroom north wall	ND	PLM		Off-white/tan drywall with light gray multi-colored paint			
DWT08-03	Room 232 east wall	ND	PLM		Off-white/tan drywall with light gray multi-colored paint			
DWT08-04	Room 236 bathroom west wall	ND	PLM		Off-white/tan drywall with light gray multi-colored paint			
DWT08-05	Room 239 bathroom west wall	ND	PLM	Good	White fibrous woven material, light gray multi-colored paint, and off-white/tan drywall			
DWT08-06	Room 240 east wall	ND	PLM	Good	Off-white/tan drywall with light gray multi-colored paint			

Table I Positive Asbestos Containing Samples, AP-66, Colonial Manor Motel

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification	Estimated Quantity (Sq. ft.)
DWT08-07	Room 242 south wall	ND	PLM	Good	Off-white/tan drywall with light gray multi-colored paint			
CDW08-01	Associated with sample DWT08-01	ND	PLM	Good	Off-white/tan drywall with light gray multi-colored paint	Associated with sample DWT08-01	RACM	1,400
CDW08-02	Associated with sample DWT08-02	ND	PLM		White fibrous woven material, light gray multi-colored paint, and off-white/tan drywall	Associated with sample DWT08-02		
CDW08-03	Associated with sample DWT08-03	Chrysotile 6%	PLM		White texture with off-white paint, off-white multi-colored paint, white compound, white joint compound, and white tape	Associated with sample DWT08-03		
CDW08-04	Associated with sample DWT08-04	Chrysotile 4%	PLM		White texture with off-white paint, off-white multi-colored paint, white compound, white joint compound, white tape, and off-white/tan drywall	Associated with sample DWT08-04		
CDW08-05	Associated with sample DWT08-5	ND	PLM		Off-white/tan drywall with light gray multi-colored paint	Associated with sample DWT08-05		

Table I Positive Asbestos Containing Samples, AP-66, Colonial Manor Motel

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification	Estimated Quantity (Sq. ft.)
CDW08-06	Associated with sample DWT08-06	Chrysotile 2%	PLM		Light gray multi-colored paint, white tape, white joint compound, and off-white/tan drywall	Associated with sample DWT08-06		
CDW08-07	Associated with sample DWT08-07	ND	PLM		Off-white/tan drywall with light gray multi-colored paint	Associated with sample DWT08-07		
TSI02-01	Attic B2 air vents	Chrysotile 85%	PLM	Good	White insulation on pipes	B1 and B2 attic air ducts on second story	RACM	50 Linear Feet
TSI02-02	Attic B2 air vents	Chrysotile 85%	PLM					
TSI02-03	Attic B2 air vents	Chrysotile 85%	PLM					
Samples collected January 23, 2018								
SVF14-01	Room 212	Chrysotile 25%	PLM	Fair	Gray fibrous material with blue/multi-colored paint, yellow/multi-colored sheet vinyl with off white fibrous backing material	Room 212 Kitchen	RACM	110
SVF14-02	Room 212	Chrysotile 25%	PLM	Fair	Brown adhesive and yellow/multi-colored sheet vinyl with off white fibrous backing material			
SVF14-03	Room 212	Chrysotile 25%	PLM	Fair	Brown adhesive and yellow/multi-colored sheet vinyl with off white fibrous backing material			

Table I Positive Asbestos Containing Samples, AP-66, Colonial Manor Motel

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification	Estimated Quantity (Sq. ft.)
CBA03-01*	240 bath	Sheet vinyl: Chrysotile 8% and cove base with adhesive: ND	PLM	Good	Tan Cove Base Adhesive with Green sheet vinyl	240 bath	RACM	<50
CBA03-02*	240 bath	Sheet vinyl: Chrysotile 17% and cove base with adhesive: ND	PLM	Good	Tan Cove Base Adhesive with Green sheet vinyl			
CBA03-03*	240 bath	Sheet vinyl: Chrysotile 8% and cove base with adhesive: ND	PLM	Good	Tan Cove Base Adhesive with Green sheet vinyl			
CK06-01	Room 235 window exterior	Chrysotile 25%	PLM	Poor	White caulk, white caulk, white caulk, and white caulk with pink paint	Room 235, windows at bottom of staircases (south wall) and another window in inaccessible rooms	RACM	<50 Linear Feet
CK06-02	Room 235 window exterior	ND	PLM		White foam, white caulk with pink paint, white caulk			
CK06-03	East stairwell interior window	ND	PLM		White caulk with white paint			
CK06-04	Duplicate of CK06-03	ND	PLM		White caulk with white paint			
INS03-01	Room 231 heater pipe	Chrysotile <1%	PLM	F	Brown cork with black resinous tar and white paint	Room 231 heater; room 235; room 240; room 242; room 212; room 215; room 216; room 217; room 218	RACM	<50 Linear Feet
INS03-02	Room 242 heater pipe	Chrysotile <1%	PLM	F	Black foam with yellow paint and brown cark with black resinous tar			

Table I Positive Asbestos Containing Samples, AP-66, Colonial Manor Motel

Sample Name	Sample Location	Lab Results/Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification	Estimated Quantity (Sq. ft.)
INS03-03	Room 212 heater pipe	ND	PLM	F	Black foam with brown adhesive			
INS03-04	Room 231 heater pipe	Chrysotile <1%	PLM	F	Brown cork with black resinous tar and tan paint			
DWT09-01	Room 233 north bathroom wall	ND	PLM	Good	Tan fiberboard with white paint and white/brown drywall with white/multi-colored paint	Rooms 229 bathroom s wall; 233 bathroom - n wall; 234 bath- s and w walls; 235- w wall; 235 bath – e and w walls; 236- east wall; 236 bath- e and s walls; 238- w wall by entrance only (not northwest corner near bathroom); 238 bath- s wall; 239- west wall; 239 bath- west wall near shower only (not entire west wall); 240 bath- n and w walls	RACM	700
DWT09-02	Room 234 south bathroom wall	ND	PLM		Tan fiberboard with white paint and white/brown drywall with white paint			
DWT09-03	Room 236 east wall	Chrysotile 3%	PLM		White/multi-colored paint, white compound, brown fiberboard, white/brown drywall			
DWT09-04	Room 238 south bathroom wall	ND	PLM		Brown fiberboard and white/brown drywall with white/multi-colored paint			
DWT09-05	Room 239 west wall	ND	PLM		White/brown drywall with white/multi-colored paint and brown fiberboard			

Table I Positive Asbestos Containing Samples, AP-66, Colonial Manor Motel

Sample Name	Sample Location	Lab Results/Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification	Estimated Quantity (Sq. ft.)	
DWT09-06	Room 239 west bathroom wall	ND	PLM		Tan fiberboard with white paint and white/brown drywall with white/multi-colored paint				
DWT09-07	Room 240 north bathroom wall	ND	PLM		White/brown drywall with white/multi-colored paint				
CDW09-01	Associated with sample DWT09-01	ND	PLM	Good	Tan fiberboard with white paint and white/brown drywall with white/multi-colored paint	Rooms 229 bathroom s wall; 233 bathroom - n wall; 234 bath- s and w walls; 235- w wall; 235 bath - e and w walls; 236- east wall; 236 bath- e and s walls; 238- w wall by entrance only (not northwest corner near bathroom); 238 bath- s wall; 239- west wall; 239 bath- west wall near shower only (not entire west wall); 240 bath- n and w walls	RACM	700	
CDW09-02	Associated with sample DWT09-02	ND	PLM		Tan fiberboard with white paint and white/brown drywall with white paint				
CDW09-03	Associated with sample DWT09-03	Chrysotile 3%	PLM		White/multi-colored paint, white compound, white/brown drywall				
CDW09-04	Associated with sample DWT09-04	ND	PLM		Brown fiberboard and white/brown drywall with white/multi-colored paint				
CDW09-05	Associated with sample DWT09-05	ND	PLM						White/brown drywall with white/multi-colored paint and brown fiberboard

Table I Positive Asbestos Containing Samples, AP-66, Colonial Manor Motel

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification	Estimated Quantity (Sq. ft.)
CDW09-06	Associated with sample DWT09-06	ND	PLM		Tan fiberboard with white paint and white/brown drywall with white/multi-colored paint			
CDW09-07	Associated with sample DWT09-07	ND	PLM		White/brown drywall with white/multi-colored paint			
Samples collected January 24, 2018								
GL02-01	B2 basement west window	Chrysotile 2%	PLM	Fair	Tan/brown glazing	Exterior windows on first floor in wells of B2	RACM	<75 linear feet
GL02-02	B2 basement – west window	Chrysotile 2%	PLM		Tan/brown glazing			
GL02-03	B2 basement – east window	Chrysotile 2%	PLM		Tan/brown glazing			
GL02-04	Duplicate of GL02-03	Chrysotile 2%	PLM		Tan/brown glazing			
TSI03-01	Room A Building 2 basement – from water heater pipe	Chrysotile 80%	PLM	Poor	Air Cell	Room A and 219 of basement in B2	RACM	8,000
TSI03-02	Room A building 2 basement – from furnace pipe	Chrysotile 80%	PLM		Air Cell	Room A and 219 of basement in B2		
TSI03-03	Room 219 – Pipe on north side of wall	Chrysotile 80%	PLM		Air Cell	Room A and 219 of basement in B2		
CTA28-01	Room 229 bath	Chrysotile 7%	PLM	Good		229 bath; 231 bath; 241 bath;	RACM	1,000
CTA28-02	Room 241 bath	ND	PLM					

Table I Positive Asbestos Containing Samples, AP-66, Colonial Manor Motel

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification	Estimated Quantity (Sq. ft.)
CTA28-03	Room 218 bath	ND	PLM		3x6 black ceramic tile with gray mastic	243; 212 bath; 215 bath; 216 bath; 217 bath; 218 bath; 219 bath		
VFT10-01	Room B	ND	PLM	Fair	Brown tile with black mastic	Office - Room B	RACM	360
VFT10-02	Room B	ND	PLM		Brown tile with black mastic			
VFT10-03	Room B	Chrysotile 8%	PLM		Brown tile with black mastic			
CK04-01	Room C	Chrysotile 5%	PLM	Poor	Interior gray window caulking	Room C	RACM	<50 Linear Feet
CK04-02	Room C	Chrysotile 8% Chrysotile 4%	PLM		Interior gray window caulking (lab reports 2 layers)			
CK04-03	Room C	Chrysotile 5%	PLM	Poor	Interior gray window caulking	Room C	RACM	<50 Linear Feet
CBA05-01	Room AA – north	Chrysotile 10%	PLM	Fair	4 in black cove base	Room AA	RACM	60 Linear Feet
CBA05-02	Room AA – west	Chrysotile 10%	PLM					
CBA05-03	Room AA - east	Chrysotile 12%	PLM					
SVF08-01 ¹	Room 230 bathroom	ND	PLM	Fair	Tan adhesive, gray/multi-colored sheet vinyl with off white fibrous backing material	Rooms 230 bath; 231 bath; 232 bath; 234 bath; 235 bath; 236 bath; 238 bath; 239 bath; 242 bath	RACM	1,000
SVF08-02 ¹	Room 230 bathroom	ND	PLM		Tan adhesive, white compound with tan paint, gray/multi-colored sheet vinyl with off white fibrous backing material			

Table I Positive Asbestos Containing Samples, AP-66, Colonial Manor Motel

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification	Estimated Quantity (Sq. ft.)
SVF08-03 ¹	Room 230 bathroom	ND	PLM		Tan adhesive, gray/multi-colored sheet vinyl with off white fibrous backing material			
SVF08-04	Room 219	Chrysotile 7%	PLM		Marble green sheet vinyl with black tar			

Notes:

* CBA03 – These cove base samples do not contain asbestos; however they were inadvertently submitted along with green sheet vinyl samples, SVF-08, which are asbestos containing.

¹ These samples were collected on a different day than the date listed, but were moved to be with the same homogeneous material

newsc – north, east, west, south, ceiling

PLM – Phase Light Microscopy

ND – Non-Detect

RACM – Regulated Asbestos Containing Material

Table 2 Positive Asbestos Containing Samples, AP-66A, Garage of Colonial Manor Motel

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification	Estimated Quantity (Sq. ft.)
Samples collected January 25, 2018								
GCK01-01	Garage west door – exterior	Chrysotile 25%	PLM	Poor	Tan/white caulk	Exterior of doors and windows on garage	RACM	70 linear feet
GCK01-02	East garage door edge of garage	Chrysotile 25%	PLM		Tan/white caulk			
GCK01-03	Northeast window on garage – exterior edge	Chrysotile 25%	PLM		Tan/white caulk			

Notes:

PLM – Phase Light Microscopy

RACM – Regulated Asbestos Containing Material

Table I Positive Asbestos Containing Samples, AP-66, Colonial Manor Motel

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification	Estimated Quantity (Sq. ft.)
GL01-03	West exterior window of 126	3% Chrysotile	PLM	Poor	Light gray glazing	All exterior windows (4x4) windows	RACM	1000 Linear Feet
GL01-04 ¹	Duplicate of GL01-03	ND	PLM	Poor				
INS01-01	East heating pipe 101	4% Chrysotile	PLM	Poor	Black resinous tar with brown cork on base of heater units piping	Rm101; RM102; RM103; RM105; 106;107; 108; 109;110; 104; 120; 121; 125; 123 (assumed, stuff in way) 122; 126	RACM	<20 linear feet
INS01-02	East edge heating pipe 110	3% Chrysotile	PLM	Poor				
INS01-03	Heater piping 122	Chrysotile 3%	PLM	Poor				
TSI01-01	Room 121 beneath floor; pipe insulation of pipe connecting to air unit	Chrysotile 70%	PLM	Good	Gray fibrous material	Between first and second floors of B1 under floor wood plank in all rooms in B2.	RACM	50 linear
TSI01-02	Room 121 beneath floor; pipe insulation of pipe connecting to air unit	Chrysotile 70%	PLM	Good				
TSI01-03	Room 121 beneath floor; pipe insulation of pipe connecting to air unit	Chrysotile 70%	PLM	Good				

Table I Positive Asbestos Containing Samples, AP-66, Colonial Manor Motel

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification	Estimated Quantity (Sq. ft.)
Samples Collected on January 19, 2018								
SVF02-01	Room 103 kitchen north wall	ND	PLM	Poor	Brown adhesive; brown sheet vinyl with black fibrous backing material	Room 103 kitchen and room 104 kitchen	RACM	200
SVF02-02	Room 103 closet center	Chrysotile 18%	PLM	Poor	Brown adhesive and off-white yellow with gray fibrous backing material			
SVF02-03	Room 103 south	Chrysotile 18%	PLM	Poor	Brown adhesive and off-white yellow sheet vinyl with gray fibrous backing material	Room 103 kitchen and room 104 kitchen	RACM	200
SVF02-04	Duplicate of SVF02-03	Chrysotile 18%	PLM		Yellow/white sheet vinyl with white fibrous backing material and brown mastic	Room 103		
DWT02-01	Room 120 bath – north wall	Chrysotile 8%	PLM	Good	Gray compound, light gray multi-colored paint, white tape, and white/brown drywall	Room 120 north wall of bathroom and bedroom; room 121 east wall; room 123 south wall only; room 122 south wall; room 122 bath east wall;	RACM	1,600

Table I Positive Asbestos Containing Samples, AP-66, Colonial Manor Motel

Sample Name	Sample Location	Lab Results/Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification	Estimated Quantity (Sq. ft.)
DWT02-02	Room 121 east wall	Tremolite/Actinolite <1%	PLM		White/brown drywall	room 124 bathroom east wall; room 124 north; 125 bathroom neswc; room 126 se; room 126 bath csne; room 127 south; room 127 bath nse		
DWT02-04	Room 124 east wall bathroom	Chrysotile 4%	PLM	Good	Off-white compound, white paint with white compound, off-white pink paint, white multi-colored paint with off-white compound, and white/brown drywall	Room 120 north wall of bathroom and bedroom; room 123 south wall only; room 122 south wall; room 122 bath east wall; room 124 bathroom east wall; room 124 north; 125 bathroom neswc; room 126 se; room 126 bath csne; room 127 south; room 127 bath nse	RACM	1,600
DWT02-03	Room 122 south wall	Chrysotile 4%	PLM		Off-white compound, white multi-layered paint with white compound, off-white multi-colored paint with white compound, white multi-colored paint, and white/brown drywall			

Table I Positive Asbestos Containing Samples, AP-66, Colonial Manor Motel

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification	Estimated Quantity (Sq. ft.)
DWT02-05	Room 124 bedroom north wall	Chrysotile 4% Tremolite/Actinolite <1%	PLM		Off-white compound, white multi-layered paint with white compound, light gray multi-colored paint, and white/brown drywall			
DWT02-06	Room 125 bathroom south wall	ND	PLM		White/brown drywall with white multi-layered paint			
DWT02-07	Room 127 south wall	Chrysotile 4%	PLM	Good	Off-white compound, pink/white paint, white multi-colored paint with white compound, and white/brown drywall	Room 120 north wall of bathroom and bedroom; room 123 south wall only; room 122 south wall; room 122 bath east wall; room 124 bathroom east wall; room 124 north; 125 bathroom neswc; room 126 se; room 126 bath csne; room 127 south; room 127 bath nse	RACM	1,600
CDW02-01	Associated with DWT02-01 sample	Chrysotile 4% Tremolite/Actinolite <1%	PLM		Off-white compound and white/brown drywall			
CDW02-02	Associated with DWT02-02 sample	Chrysotile 8%	PLM		White multi-colored paint, off-white compound, off-white joint compound, white tape, white plaster, white/brown drywall, and tan granular plaster.			

Table I Positive Asbestos Containing Samples, AP-66, Colonial Manor Motel

Sample Name	Sample Location	Lab Results/Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification	Estimated Quantity (Sq. ft.)
CDW02-04	Associated with DWT02-04 sample	Chrysotile 8%	PLM		Tan granular material, white plaster, off-white texture, white tape, white multi-colored paint white, and off-white joint compound			
CDW02-03	Associated with DWT02-03 sample	ND	PLM		Yellow resinous material, white multi-layered paint with white texture, and white/brown drywall with white/multi-colored paint	Room 120 north wall of bathroom and bedroom; room 123 south wall only; room 122 south wall; room 122 bath east wall; room 124 bathroom east wall; room 124 north; 125 bathroom neswc;	RACM	1,600
CDW02-05	Associated with DWT02-05 sample	Chrysotile 10%	PLM	Good	Green multi-colored paint, white paint with white compound, white plaster, tan compound, off-white compound, white woven material, white multi-colored paint with off white compound, and white compound	room 126 se; room 126 bath csne; room 127 south; room 127 bath nse		

Table I Positive Asbestos Containing Samples, AP-66, Colonial Manor Motel

Sample Name	Sample Location	Lab Results/Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification	Estimated Quantity (Sq. ft.)
CDW02-06	Associated with DWT02-06 sample	Chrysotile 4%	PLM	Good	White multi-colored paint, off-white compound, white multi-colored paint with white compound, and white/brown drywall			
CDW02-07	Associated with DWT02-07 sample	Chrysotile 4% Tremolite/Actinolite <1%	PLM	Good	Tan/white paint, off-white compound, tan/white paint with off-white compound, white multi-colored paint with white coating, and white/brown drywall	Room 120 north wall of bathroom and bedroom; room 123 south wall only; room 122 south wall; room 122 bath east wall; room 124 bathroom east wall; room 124 north; 125 bathroom neswc; room 126 se; room 126 bath csne; room 127 south; room 127 bath nse	RACM	1,600
CDW02-08	Duplicate of CDW02-07	Chrysotile 4% And trace amounts of Tremolite/Actinolite	PLM	Good	Duplicate of CDW02-07	Duplicate of CDW02-07		
VFT02-01	Room 110 bedroom closet	Chrysotile 8%	PLM	Poor	Off-white paint and brown floor tile	110 bedroom closet		

Table I Positive Asbestos Containing Samples, AP-66, Colonial Manor Motel

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification	Estimated Quantity (Sq. ft.)
VFT02-02	Room 110 bedroom closet	Chrysotile 6%	PLM	Poor	Off-white paint and brown floor tile	Same as above		
VFT02-03	Room 110 bedroom closet	Chrysotile 8%	PLM	Poor	Off-white paint and brown floor tile with off white paint	Same as above		
Samples collected January 22, 2018								
DWT08-01	Room 228 bathroom south wall	ND	PLM	Good	Off-white/tan drywall with light gray multi-colored paint	Rooms 228 bathroom eswc; 229 bath nwe walls; 230 bath west wall (not chase); 232 east wall; 232 bath neswc; n walls; 233 bath cwe walls; 233 east angled wall; 236 bath w and n wall and ceiling; 238 bath w wall near sink but not chase area (north side of west wall); 239 bath w wall and s wall and n wall; 240 e wall; 240 bath ceiling and e&s walls; 242 south wall	RACM	1,400
DWT08-02	Room 229 bathroom north wall	ND	PLM		Off-white/tan drywall with light gray multi-colored paint			
DWT08-03	Room 232 east wall	ND	PLM		Off-white/tan drywall with light gray multi-colored paint			
DWT08-04	Room 236 bathroom west wall	ND	PLM		Off-white/tan drywall with light gray multi-colored paint			
DWT08-05	Room 239 bathroom west wall	ND	PLM	Good	White fibrous woven material, light gray multi-colored paint, and off-white/tan drywall			
DWT08-06	Room 240 east wall	ND	PLM	Good	Off-white/tan drywall with light gray multi-colored paint			

Table I Positive Asbestos Containing Samples, AP-66, Colonial Manor Motel

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification	Estimated Quantity (Sq. ft.)
DWT08-07	Room 242 south wall	ND	PLM	Good	Off-white/tan drywall with light gray multi-colored paint			
CDW08-01	Associated with sample DWT08-01	ND	PLM	Good	Off-white/tan drywall with light gray multi-colored paint	Associated with sample DWT08-01	RACM	1,400
CDW08-02	Associated with sample DWT08-02	ND	PLM		White fibrous woven material, light gray multi-colored paint, and off-white/tan drywall	Associated with sample DWT08-02		
CDW08-03	Associated with sample DWT08-03	Chrysotile 6%	PLM		White texture with off-white paint, off-white multi-colored paint, white compound, white joint compound, and white tape	Associated with sample DWT08-03		
CDW08-04	Associated with sample DWT08-04	Chrysotile 4%	PLM		White texture with off-white paint, off-white multi-colored paint, white compound, white joint compound, white tape, and off-white/tan drywall	Associated with sample DWT08-04		
CDW08-05	Associated with sample DWT08-5	ND	PLM		Off-white/tan drywall with light gray multi-colored paint	Associated with sample DWT08-05		

Table I Positive Asbestos Containing Samples, AP-66, Colonial Manor Motel

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification	Estimated Quantity (Sq. ft.)
CDW08-06	Associated with sample DWT08-06	Chrysotile 2%	PLM		Light gray multi-colored paint, white tape, white joint compound, and off-white/tan drywall	Associated with sample DWT08-06		
CDW08-07	Associated with sample DWT08-07	ND	PLM		Off-white/tan drywall with light gray multi-colored paint	Associated with sample DWT08-07		
TSI02-01	Attic B2 air vents	Chrysotile 85%	PLM	Good	White insulation on pipes	B1 and B2 attic air ducts on second story	RACM	50 Linear Feet
TSI02-02	Attic B2 air vents	Chrysotile 85%	PLM					
TSI02-03	Attic B2 air vents	Chrysotile 85%	PLM					
Samples collected January 23, 2018								
SVF14-01	Room 212	Chrysotile 25%	PLM	Fair	Gray fibrous material with blue/multi-colored paint, yellow/multi-colored sheet vinyl with off white fibrous backing material	Room 212 Kitchen	RACM	110
SVF14-02	Room 212	Chrysotile 25%	PLM	Fair	Brown adhesive and yellow/multi-colored sheet vinyl with off white fibrous backing material			
SVF14-03	Room 212	Chrysotile 25%	PLM	Fair	Brown adhesive and yellow/multi-colored sheet vinyl with off white fibrous backing material			

Table I Positive Asbestos Containing Samples, AP-66, Colonial Manor Motel

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification	Estimated Quantity (Sq. ft.)
CBA03-01*	240 bath	Sheet vinyl: Chrysotile 8% and cove base with adhesive: ND	PLM	Good	Tan Cove Base Adhesive with Green sheet vinyl	240 bath	RACM	<50
CBA03-02*	240 bath	Sheet vinyl: Chrysotile 17% and cove base with adhesive: ND	PLM	Good	Tan Cove Base Adhesive with Green sheet vinyl			
CBA03-03*	240 bath	Sheet vinyl: Chrysotile 8% and cove base with adhesive: ND	PLM	Good	Tan Cove Base Adhesive with Green sheet vinyl			
CK06-01	Room 235 window exterior	Chrysotile 25%	PLM	Poor	White caulk, white caulk, white caulk, and white caulk with pink paint	Room 235, windows at bottom of staircases (south wall) and another window in inaccessible rooms	RACM	<50 Linear Feet
CK06-02	Room 235 window exterior	ND	PLM		White foam, white caulk with pink paint, white caulk			
CK06-03	East stairwell interior window	ND	PLM		White caulk with white paint			
CK06-04	Duplicate of CK06-03	ND	PLM		White caulk with white paint			
INS03-01	Room 231 heater pipe	Chrysotile <1%	PLM	F	Brown cork with black resinous tar and white paint	Room 231 heater; room 235; room 240; room 242; room 212; room 215; room 216; room 217; room 218	RACM	<50 Linear Feet
INS03-02	Room 242 heater pipe	Chrysotile <1%	PLM	F	Black foam with yellow paint and brown cark with black resinous tar			

Table I Positive Asbestos Containing Samples, AP-66, Colonial Manor Motel

Sample Name	Sample Location	Lab Results/Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification	Estimated Quantity (Sq. ft.)
INS03-03	Room 212 heater pipe	ND	PLM	F	Black foam with brown adhesive			
INS03-04	Room 231 heater pipe	Chrysotile <1%	PLM	F	Brown cork with black resinous tar and tan paint			
DWT09-01	Room 233 north bathroom wall	ND	PLM	Good	Tan fiberboard with white paint and white/brown drywall with white/multi-colored paint	Rooms 229 bathroom s wall; 233 bathroom - n wall; 234 bath- s and w walls; 235- w wall; 235 bath – e and w walls; 236- east wall; 236 bath- e and s walls; 238- w wall by entrance only (not northwest corner near bathroom); 238 bath- s wall; 239- west wall; 239 bath- west wall near shower only (not entire west wall); 240 bath- n and w walls	RACM	700
DWT09-02	Room 234 south bathroom wall	ND	PLM		Tan fiberboard with white paint and white/brown drywall with white paint			
DWT09-03	Room 236 east wall	Chrysotile 3%	PLM		White/multi-colored paint, white compound, brown fiberboard, white/brown drywall			
DWT09-04	Room 238 south bathroom wall	ND	PLM		Brown fiberboard and white/brown drywall with white/multi-colored paint			
DWT09-05	Room 239 west wall	ND	PLM		White/brown drywall with white/multi-colored paint and brown fiberboard			

Table I Positive Asbestos Containing Samples, AP-66, Colonial Manor Motel

Sample Name	Sample Location	Lab Results/Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification	Estimated Quantity (Sq. ft.)	
DWT09-06	Room 239 west bathroom wall	ND	PLM		Tan fiberboard with white paint and white/brown drywall with white/multi-colored paint				
DWT09-07	Room 240 north bathroom wall	ND	PLM		White/brown drywall with white/multi-colored paint				
CDW09-01	Associated with sample DWT09-01	ND	PLM	Good	Tan fiberboard with white paint and white/brown drywall with white/multi-colored paint	Rooms 229 bathroom s wall; 233 bathroom - n wall; 234 bath- s and w walls; 235- w wall; 235 bath - e and w walls; 236- east wall; 236 bath- e and s walls; 238- w wall by entrance only (not northwest corner near bathroom); 238 bath- s wall; 239- west wall; 239 bath- west wall near shower only (not entire west wall); 240 bath- n and w walls	RACM	700	
CDW09-02	Associated with sample DWT09-02	ND	PLM		Tan fiberboard with white paint and white/brown drywall with white paint				
CDW09-03	Associated with sample DWT09-03	Chrysotile 3%	PLM		White/multi-colored paint, white compound, white/brown drywall				
CDW09-04	Associated with sample DWT09-04	ND	PLM		Brown fiberboard and white/brown drywall with white/multi-colored paint				
CDW09-05	Associated with sample DWT09-05	ND	PLM						White/brown drywall with white/multi-colored paint and brown fiberboard

Table I Positive Asbestos Containing Samples, AP-66, Colonial Manor Motel

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification	Estimated Quantity (Sq. ft.)
CDW09-06	Associated with sample DWT09-06	ND	PLM		Tan fiberboard with white paint and white/brown drywall with white/multi-colored paint			
CDW09-07	Associated with sample DWT09-07	ND	PLM		White/brown drywall with white/multi-colored paint			
Samples collected January 24, 2018								
GL02-01	B2 basement west window	Chrysotile 2%	PLM	Fair	Tan/brown glazing	Exterior windows on first floor in wells of B2	RACM	<75 linear feet
GL02-02	B2 basement – west window	Chrysotile 2%	PLM		Tan/brown glazing			
GL02-03	B2 basement – east window	Chrysotile 2%	PLM		Tan/brown glazing			
GL02-04	Duplicate of GL02-03	Chrysotile 2%	PLM		Tan/brown glazing			
TSI03-01	Room A Building 2 basement – from water heater pipe	Chrysotile 80%	PLM	Poor	Air Cell	Room A and 219 of basement in B2	RACM	8,000
TSI03-02	Room A building 2 basement – from furnace pipe	Chrysotile 80%	PLM		Air Cell	Room A and 219 of basement in B2		
TSI03-03	Room 219 – Pipe on north side of wall	Chrysotile 80%	PLM		Air Cell	Room A and 219 of basement in B2		
CTA28-01	Room 229 bath	Chrysotile 7%	PLM	Good		229 bath; 231 bath; 241 bath;	RACM	1,000
CTA28-02	Room 241 bath	ND	PLM					

Table I Positive Asbestos Containing Samples, AP-66, Colonial Manor Motel

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification	Estimated Quantity (Sq. ft.)
CTA28-03	Room 218 bath	ND	PLM		3x6 black ceramic tile with gray mastic	243; 212 bath; 215 bath; 216 bath; 217 bath; 218 bath; 219 bath		
VFT10-01	Room B	ND	PLM	Fair	Brown tile with black mastic	Office - Room B	RACM	360
VFT10-02	Room B	ND	PLM		Brown tile with black mastic			
VFT10-03	Room B	Chrysotile 8%	PLM		Brown tile with black mastic			
CK04-01	Room C	Chrysotile 5%	PLM	Poor	Interior gray window caulking	Room C	RACM	<50 Linear Feet
CK04-02	Room C	Chrysotile 8% Chrysotile 4%	PLM		Interior gray window caulking (lab reports 2 layers)			
CK04-03	Room C	Chrysotile 5%	PLM	Poor	Interior gray window caulking	Room C	RACM	<50 Linear Feet
CBA05-01	Room AA – north	Chrysotile 10%	PLM	Fair	4 in black cove base	Room AA	RACM	60 Linear Feet
CBA05-02	Room AA – west	Chrysotile 10%	PLM					
CBA05-03	Room AA - east	Chrysotile 12%	PLM					
SVF08-01 ¹	Room 230 bathroom	ND	PLM	Fair	Tan adhesive, gray/multi-colored sheet vinyl with off white fibrous backing material	Rooms 230 bath; 231 bath; 232 bath; 234 bath; 235 bath; 236 bath; 238 bath; 239 bath; 242 bath	RACM	1,000
SVF08-02 ¹	Room 230 bathroom	ND	PLM		Tan adhesive, white compound with tan paint, gray/multi-colored sheet vinyl with off white fibrous backing material			

Table I Positive Asbestos Containing Samples, AP-66, Colonial Manor Motel

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification	Estimated Quantity (Sq. ft.)
SVF08-03 ¹	Room 230 bathroom	ND	PLM		Tan adhesive, gray/multi-colored sheet vinyl with off white fibrous backing material			
SVF08-04	Room 219	Chrysotile 7%	PLM		Marble green sheet vinyl with black tar			

Notes:

* CBA03 – These cove base samples do not contain asbestos; however they were inadvertently submitted along with green sheet vinyl samples, SVF-08, which are asbestos containing.

¹ These samples were collected on a different day than the date listed, but were moved to be with the same homogeneous material

newsc – north, east, west, south, ceiling

PLM – Phase Light Microscopy

ND – Non-Detect

RACM – Regulated Asbestos Containing Material

Table 2 Positive Asbestos Containing Samples, AP-66A, Garage of Colonial Manor Motel

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification	Estimated Quantity (Sq. ft.)
Samples collected January 25, 2018								
GCK01-01	Garage west door – exterior	Chrysotile 25%	PLM	Poor	Tan/white caulk	Exterior of doors and windows on garage	RACM	70 linear feet
GCK01-02	East garage door edge of garage	Chrysotile 25%	PLM		Tan/white caulk			
GCK01-03	Northeast window on garage – exterior edge	Chrysotile 25%	PLM		Tan/white caulk			

Notes:

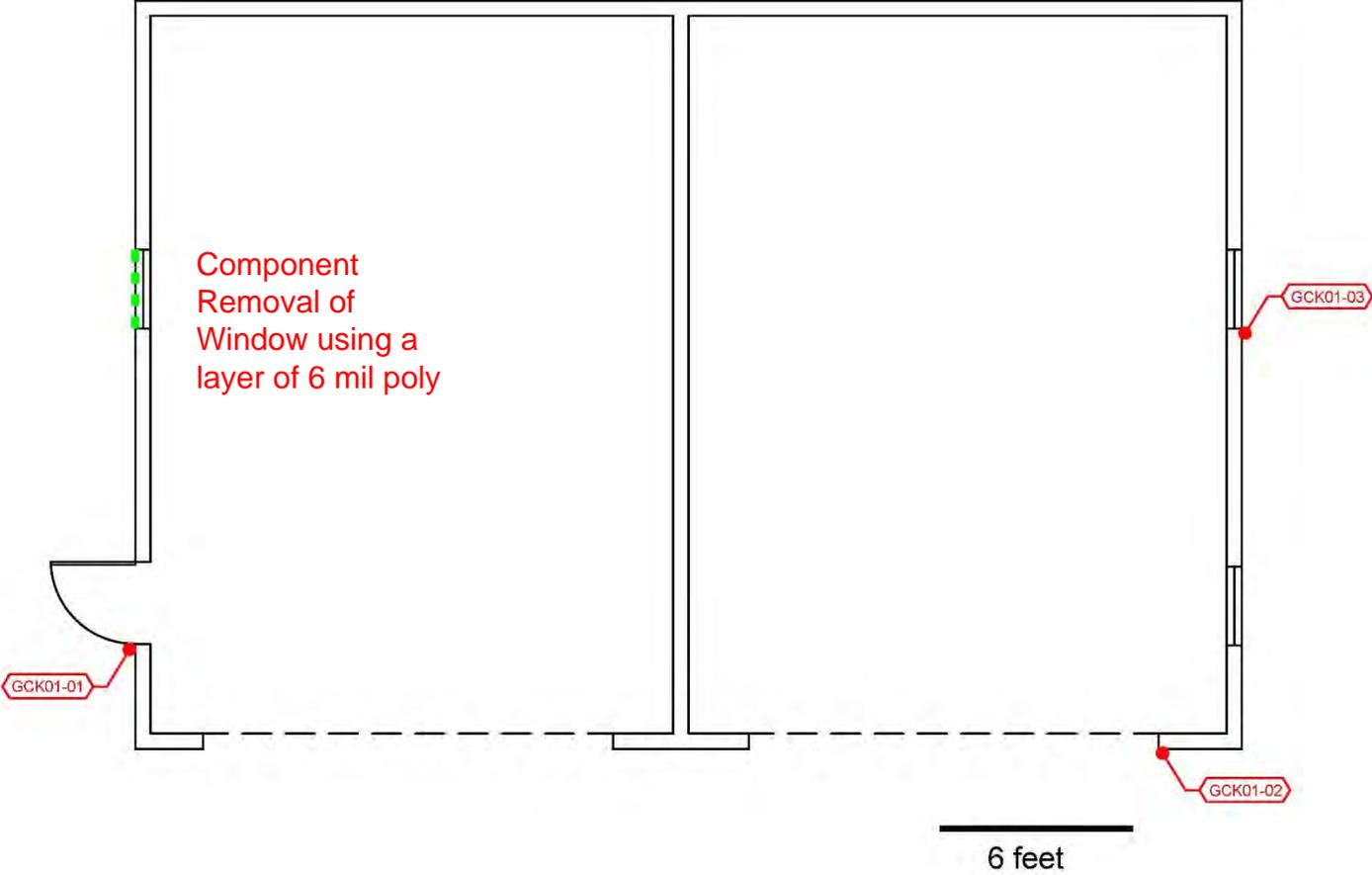
PLM – Phase Light Microscopy

RACM – Regulated Asbestos Containing Material

Appendix B

Drawings

ABATEMENT PHASE 1 - GARAGE
2/15 - 2/18/2018



COLONIAL MANOR MOTEL
2615 EAST 46TH AVENUE
DENVER, CO
(Not to Scale)

FEI Project #AS18039

Approved by: NDV



Foothills Environmental, Inc.

11099 W 8th Avenue
Lakewood, CO 80215

Date: 02/11/18

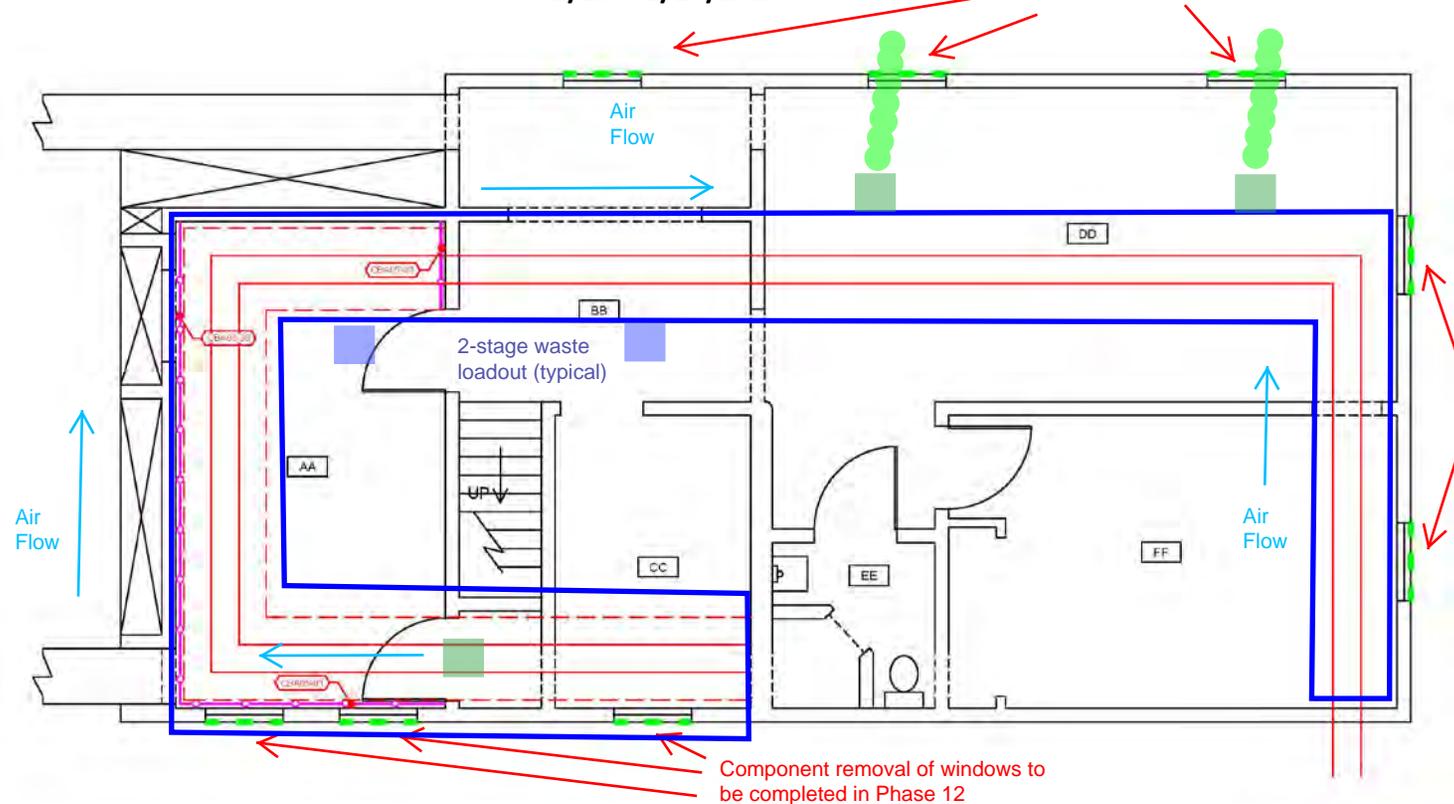
Drawn By: DMB

Signature: 

Figure
1

ABATEMENT PHASE 2 – OFFICE-BASEMENT
2/15 – 2/20/2018

Component removal of windows to be completed in Phase 12



LEGEND

ROOM NUMBERS	4" BLACK COVE BASE (DETECT)
ASBESTOS BULK SAMPLE LOCATIONS (DETECT)	CONCRETE CHASE
EXTERIOR WINDOW GLAZING AND CAULKING (DETECT)	TSI LINES

0 4
Approximate Scale in Feet

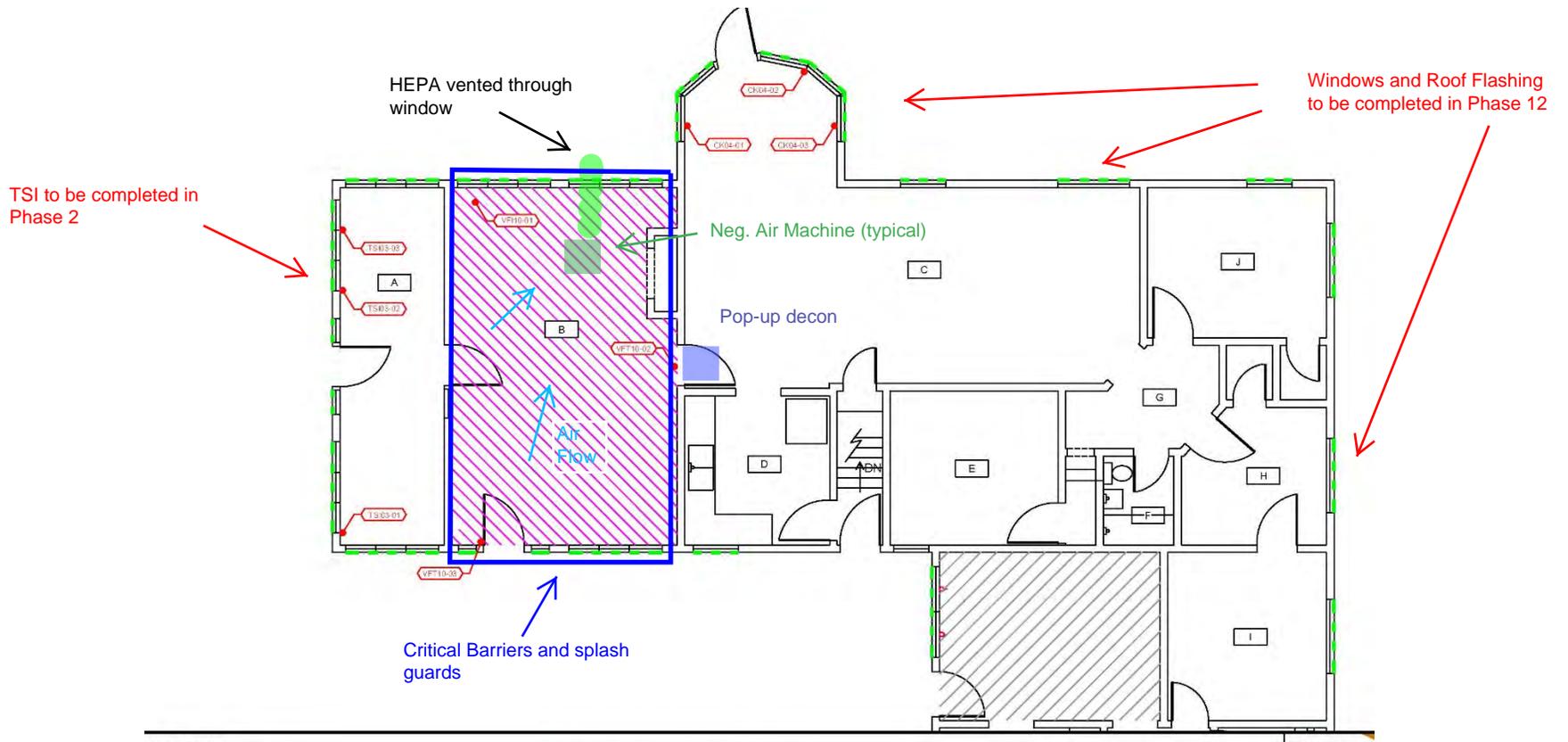
COLONIAL MANOR MOTEL
 2615 EAST 46TH AVENUE
 DENVER, CO
 (Not to Scale)

FEI Project #AS18039
 Approved by: NDV
 Foothills Environmental, Inc.
 11099 W 8th Avenue
 Lakewood, CO 80215

Date: 02/11/18
 Drawn By: DMB
 Signature:

Figure
 2

ABATEMENT PHASE 3 – OFFICE-MAIN
2/15 – 2/20/2018



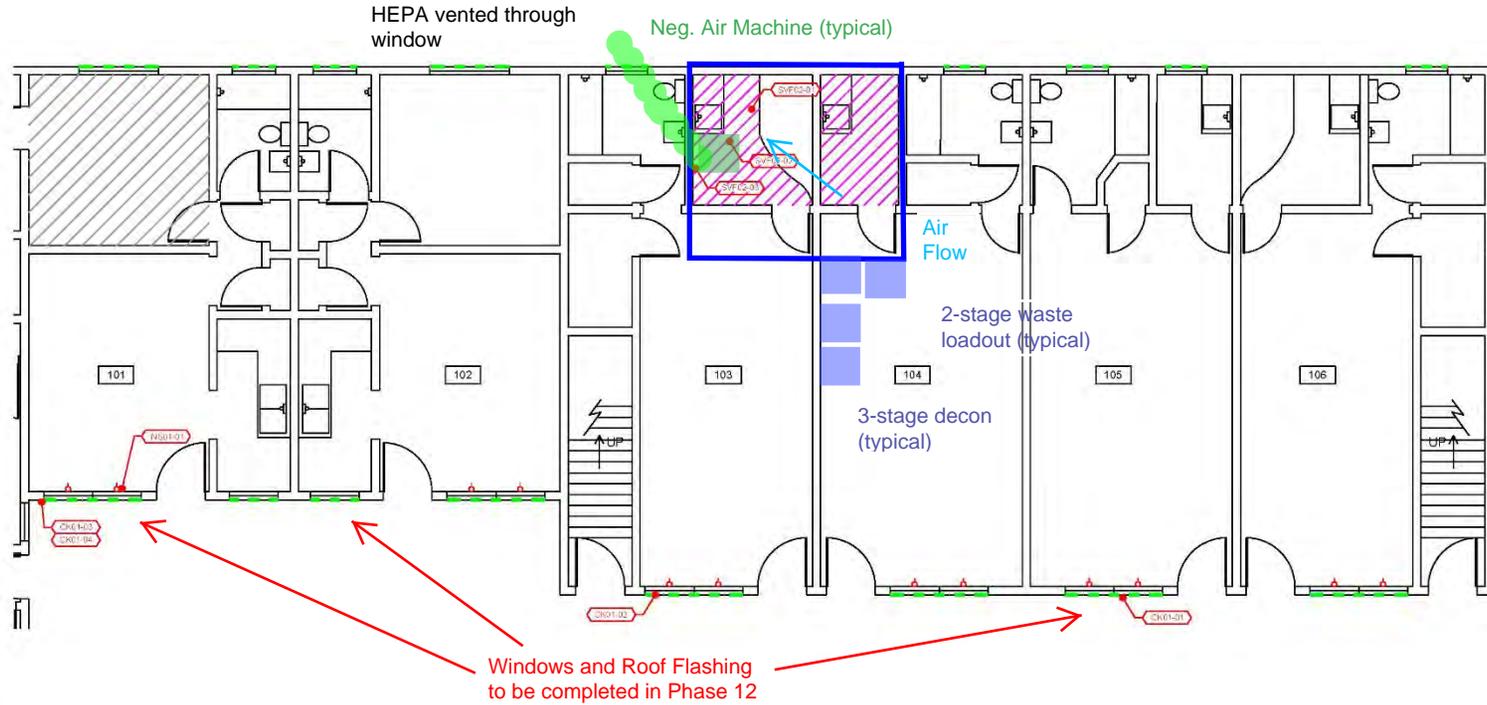
LEGEND

- XXXX ROOM NUMBERS
- XXXX ASBESTOS BULK SAMPLE LOCATIONS (DETECT)
- EXTERIOR WINDOW GLAZING AND CAULKING (DETECT)
- ♀ HEAT AND COOLING UNIT - TSI (DETECT)
- FLOORING (DETECT)



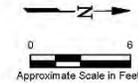
COLONIAL MANOR MOTEL 2615 EAST 46 TH AVENUE DENVER, CO (Not to Scale)	FEI Project #AS18039 Approved by: NDV	Date: 02/11/18 Drawn By: DMB	Figure 3
	<div style="display: flex; align-items: center;"> Foothills Environmental, Inc. </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;"> 11099 W 8th Avenue Lakewood, CO 80215 </div> <div style="width: 45%;"> Signature: </div> </div>		

ABATEMENT PHASE 4 – ROOM 103 AND 104 KITCHEN
2/15 – 2/20/2018



LEGEND

- 1000 ROOM NUMBERS
- 3000 ASBESTOS BULK SAMPLE LOCATIONS (DETECT)
- EXTERIOR WINDOW GLAZING AND CAULKING (DETECT)
- ♀ HEAT AND COOLING UNIT - TSI (DETECT)
- FLOORING (DETECT)



COLONIAL MANOR MOTEL
 2615 EAST 46TH AVENUE
 DENVER, CO
 (Not to Scale)

FEI Project #AS18039

Approved by: NDV

Foothills Environmental, Inc.

11099 W 8th Avenue
 Lakewood, CO 80215

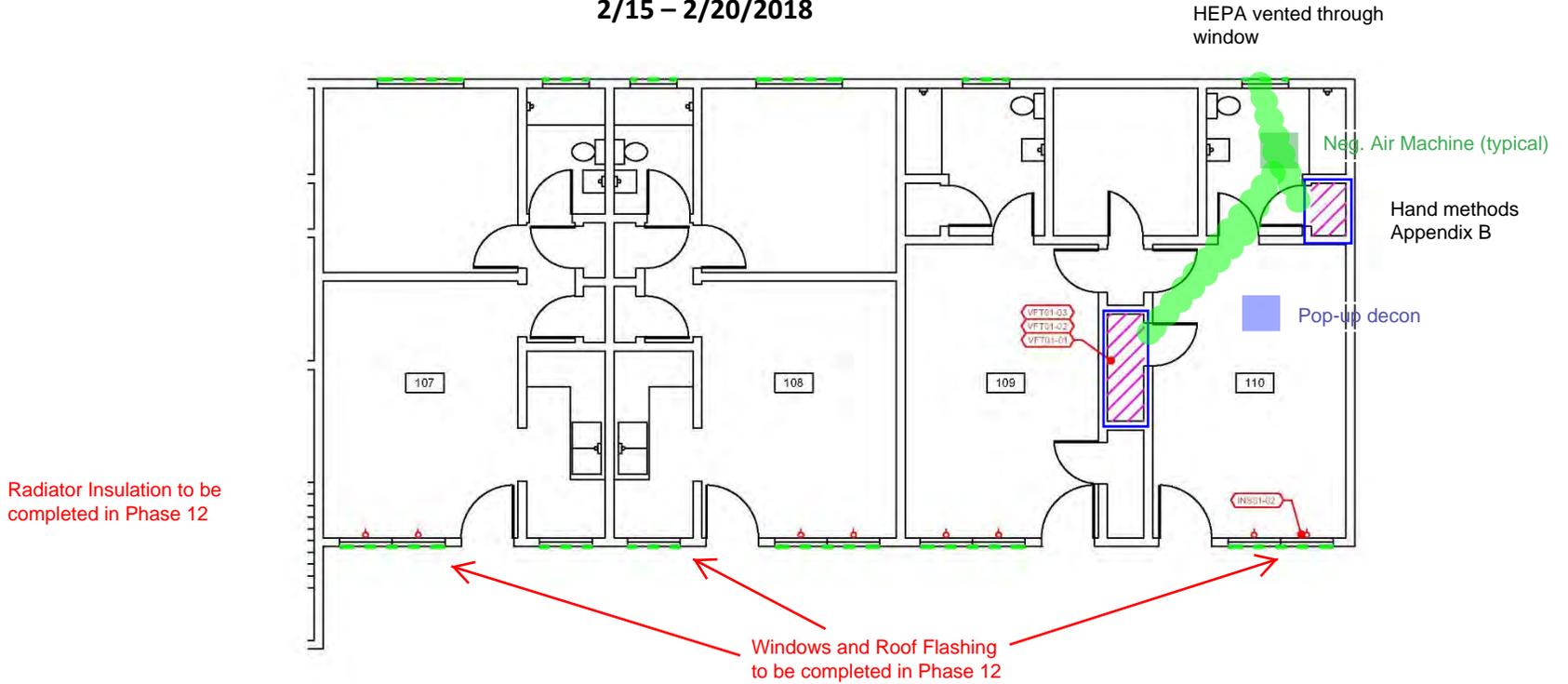
Date: 02/11/18

Drawn By: DMB

Signature:

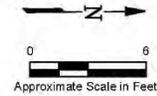
Figure
 4

ABATEMENT PHASE 5 – ROOM 110 CLOSETS
2/15 – 2/20/2018



LEGEND

- XXXX ROOM NUMBERS
- XXXX ASBESTOS BULK SAMPLE LOCATIONS (DETECT)
- EXTERIOR WINDOW GLAZING AND CAULKING (DETECT)
- ♀ HEAT AND COOLING UNIT - TSI (DETECT)
- XXXX FLOORING (DETECT)



COLONIAL MANOR MOTEL
 2615 EAST 46TH AVENUE
 DENVER, CO
 (Not to Scale)

FEI Project #AS18039

Approved by: NDV

Foothills Environmental, Inc.

11099 W 8th Avenue
 Lakewood, CO 80215

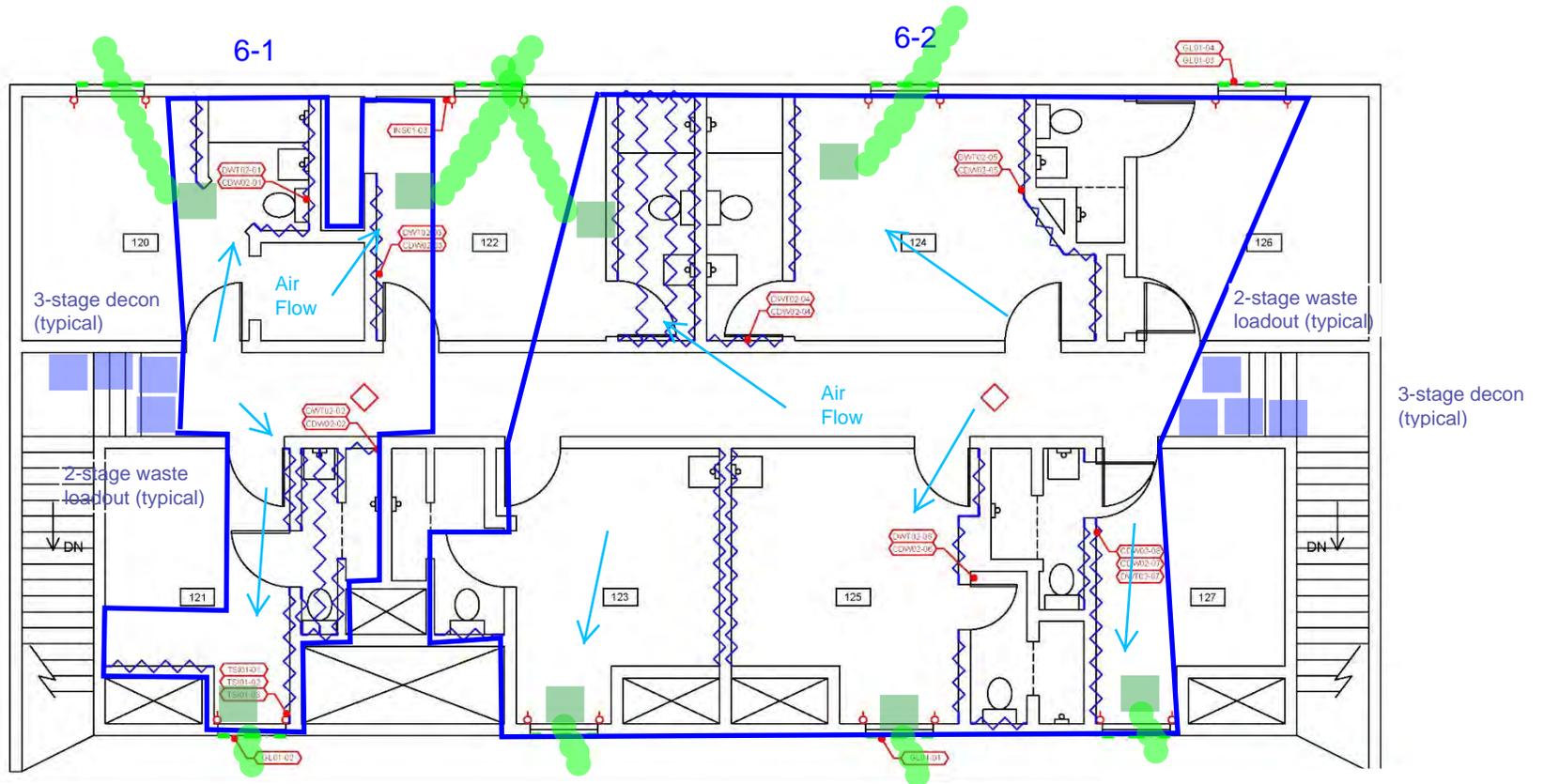
Date: 02/11/18

Drawn By: DMB

Signature:

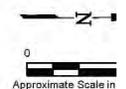
Figure
 5

ABATEMENT PHASE 6 – ROOMS 120-124 AND 127
2/15 – 3/2/2018



LEGEND

- ROOM NUMBERS
- ASBESTOS BULK SAMPLE LOCATIONS (DETECT)
- EXTERIOR WINDOW GLAZING AND CAULKING (DETECT)
- ♀ HEAT AND COOLING UNIT - INSULATION (DETECT)
- ~ DRYWALL (DETECT)
- ◇ ATTIC AIR VENT - TSI (DETECT)



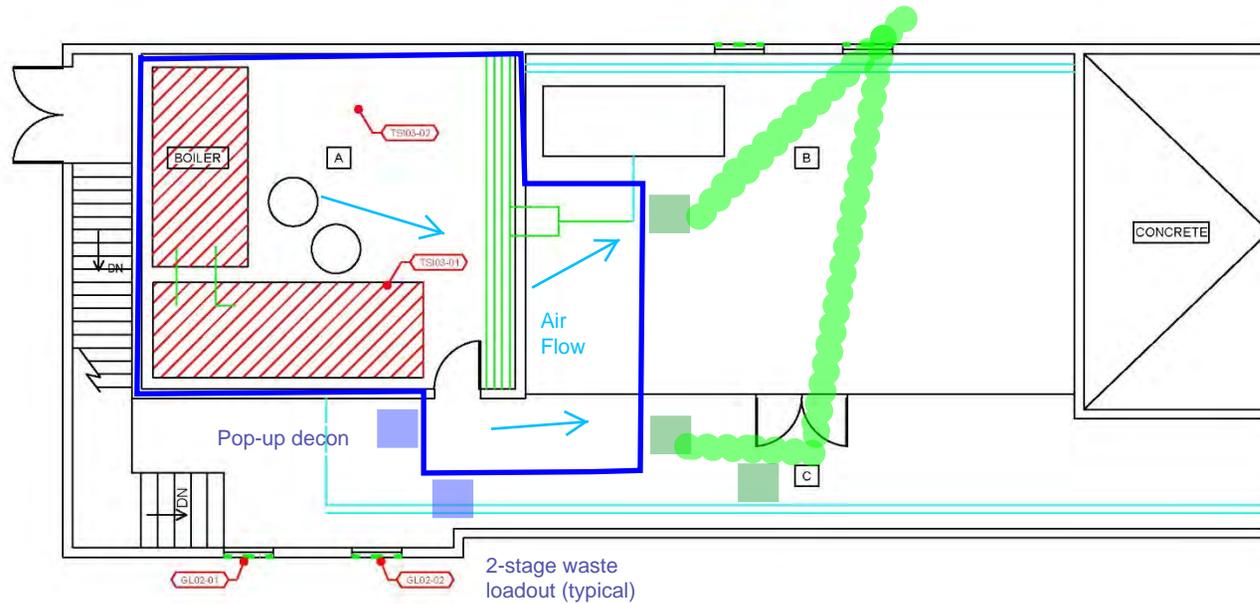
COLONIAL MANOR MOTEL
 2615 EAST 46TH AVENUE
 DENVER, CO
 (Not to Scale)

FEI Project #AS18039
 Approved by: NDV
 Foothills Environmental, Inc.
 11099 W 8th Avenue
 Lakewood, CO 80215

Date: 02/11/18
 Drawn By: DMB
 Signature:

Figure
6

ABATEMENT PHASE 7 – BASEMENT BOILER
2/26 – 3/9/2018



LEGEND

- N**
- ROOM NUMBERS
- ASBESTOS BULK SAMPLE LOCATIONS (DETECT)
- EXTERIOR WINDOW GLAZING AND CAULKING (DETECT)
- FIBERGLASS
- BULK DETECT
- AIR CELL



COLONIAL MANOR MOTEL
 2615 EAST 46TH AVENUE
 DENVER, CO
 (Not to Scale)

FEI Project #AS18039

Approved by: NDV

Foothills Environmental, Inc.

11099 W 8th Avenue
 Lakewood, CO 80215

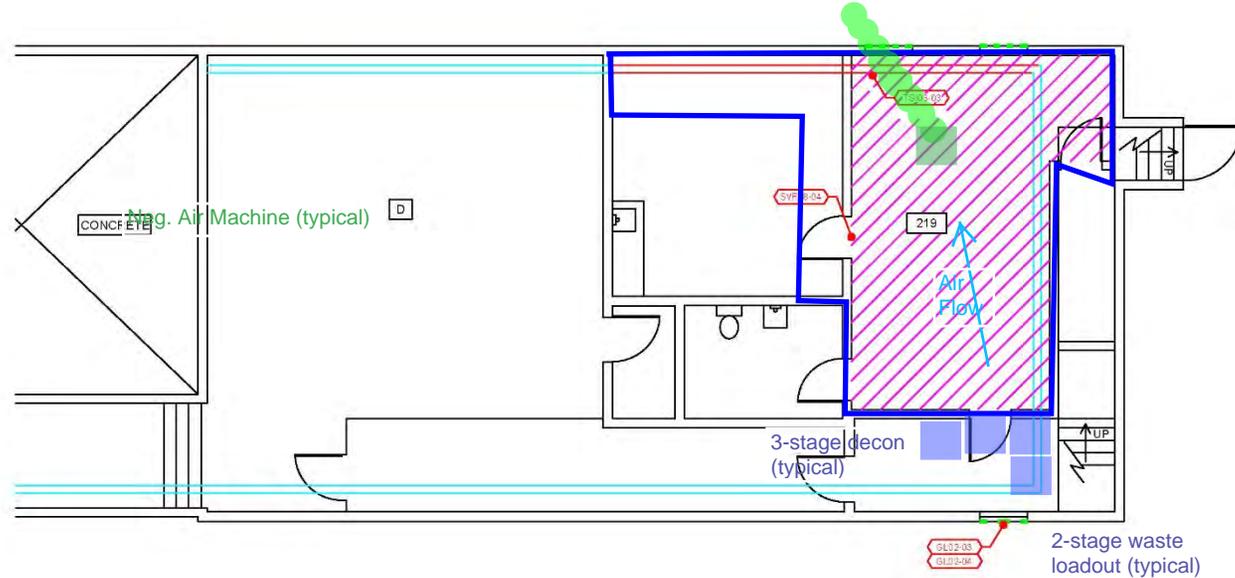
Date: 02/11/18

Drawn By: DMB

Signature:

Figure
 7

ABATEMENT PHASE 8 – BASEMENT RM 219
2/26 – 3/9/2018



LEGEND

-  ROOM NUMBERS
-  ASBESTOS BULK SAMPLE LOCATIONS (DETECT)
-  EXTERIOR WINDOW GLAZING AND CAULKING (DETECT)
-  FIBERGLASS
-  FLOORING (DETECT)
-  AIR CELL

0 6
 Approximate Scale in Feet

COLONIAL MANOR MOTEL
 2615 EAST 46TH AVENUE
 DENVER, CO
 (Not to Scale)

FEI Project #AS18039

Approved by: NDV

 Foothills Environmental, Inc.

11099 W 8th Avenue
 Lakewood, CO 80215

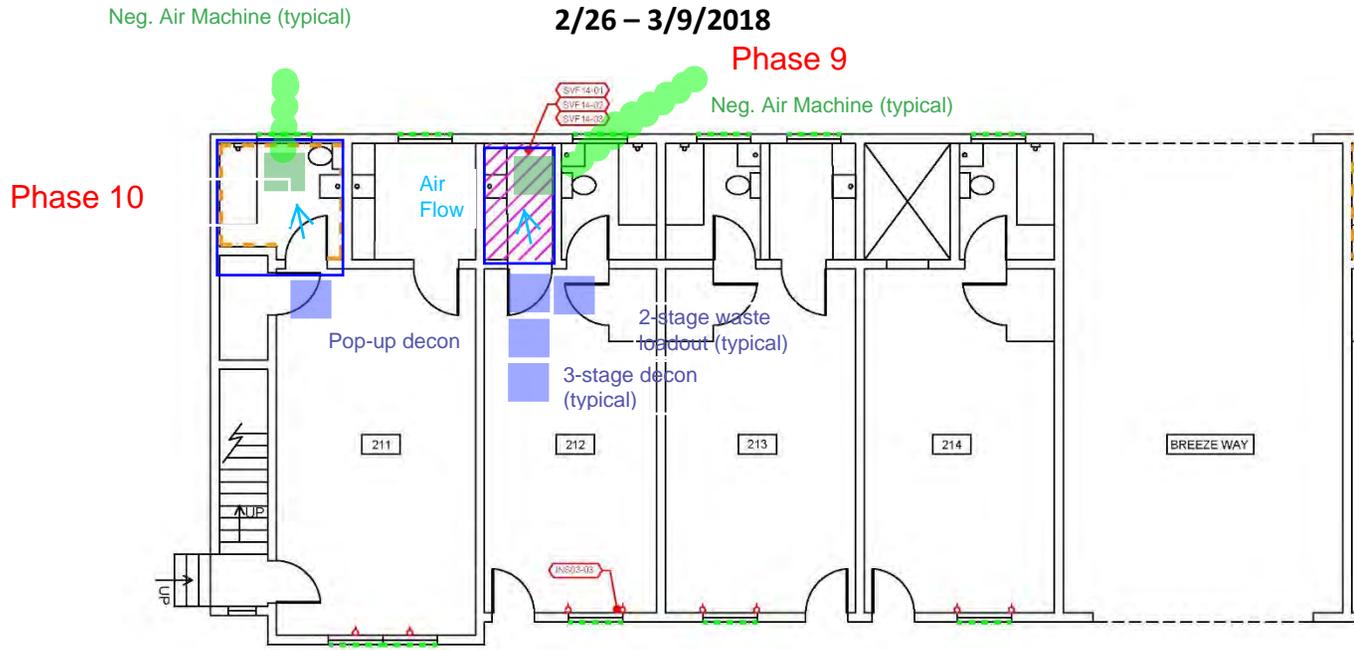
Date: 02/11/18

Drawn By: DMB

Signature: 

Figure
 8

ABATEMENT PHASE 9 – RM 212
ABATEMENT PHASE 10 – RM 211
2/26 – 3/9/2018



LEGEND

	ROOM NUMBERS		HEAT AND COOLING UNIT - TSI (DETECT)
	ASBESTOS BULK SAMPLE LOCATIONS (DETECT)		FLOORING (DETECT)
	EXTERIOR WINDOW GLAZING AND CAULKING (DETECT)		BLACK CERAMIC TILE (DETECT)

0 6
Approximate Scale in Feet

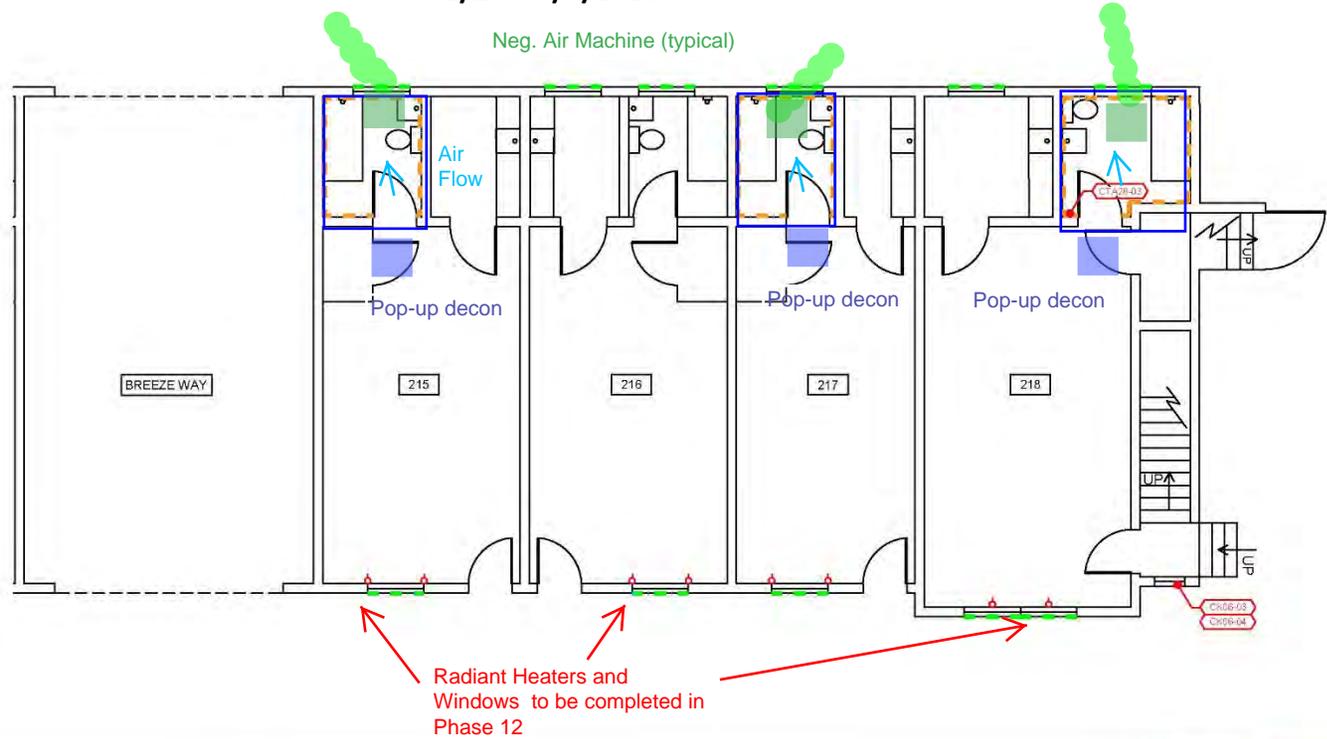
COLONIAL MANOR MOTEL
 2615 EAST 46TH AVENUE
 DENVER, CO
 (Not to Scale)

FEI Project #AS18039
 Approved by: NDV
 Foothills Environmental, Inc.
 11099 W 8th Avenue
 Lakewood, CO 80215

Date: 02/11/18
 Drawn By: DMB
 Signature:

Figure
 9

**ABATEMENT PHASE 10 – RMS 215, 217, AND 218
2/26 – 3/9/2018**



LEGEND

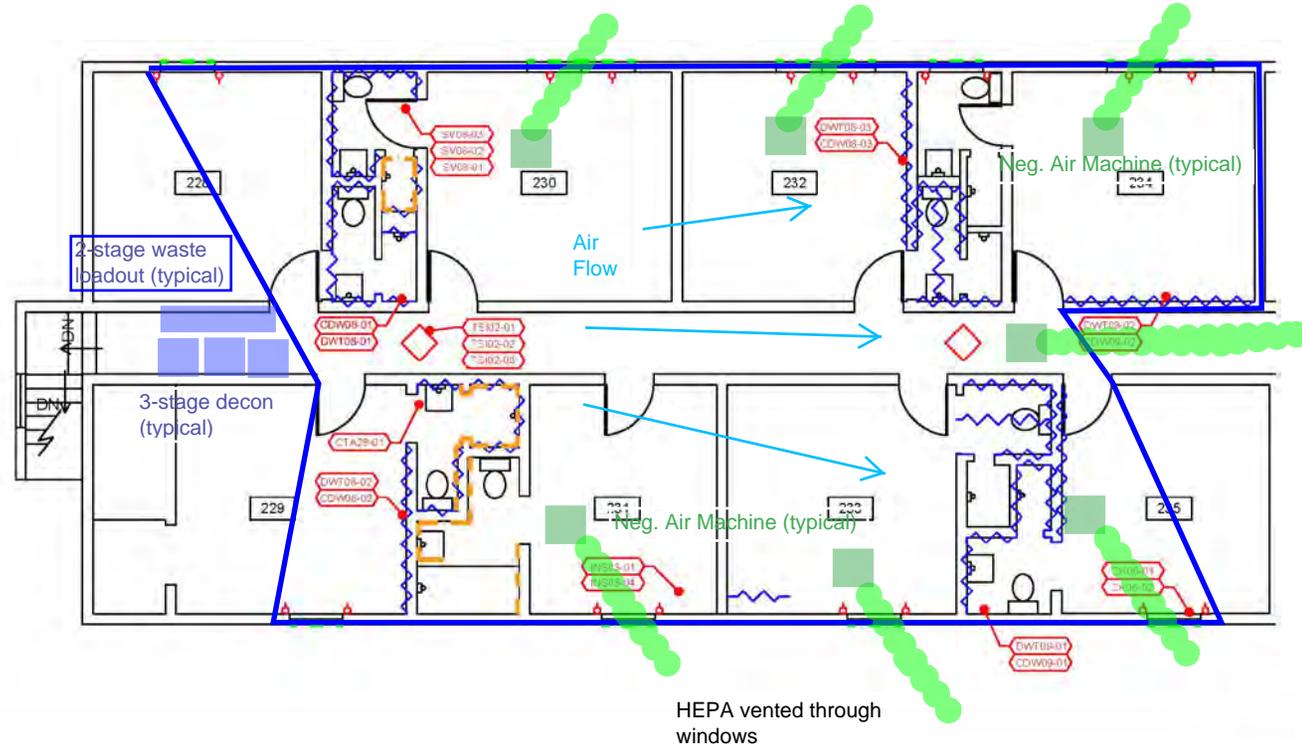
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	ASBESTOS BULK SAMPLE LOCATIONS (DETECT)		BLACK CERAMIC TILE (DETECT)
	EXTERIOR WINDOW GLAZING AND CAULKING (DETECT)		

0 6
Approximate Scale in Feet

COLONIAL MANOR MOTEL 2615 EAST 46 TH AVENUE DENVER, CO (Not to Scale)	FEI Project #AS18039	Date: 02/11/18	Figure 10
	Approved by: NDV Foothills Environmental, Inc. 11099 W 8 th Avenue Lakewood, CO 80215	Drawn By: DMB	

ABATEMENT PHASE 11 – RMS 228 TO 235
3/9 – 3/19/2018

HEPA vented through windows



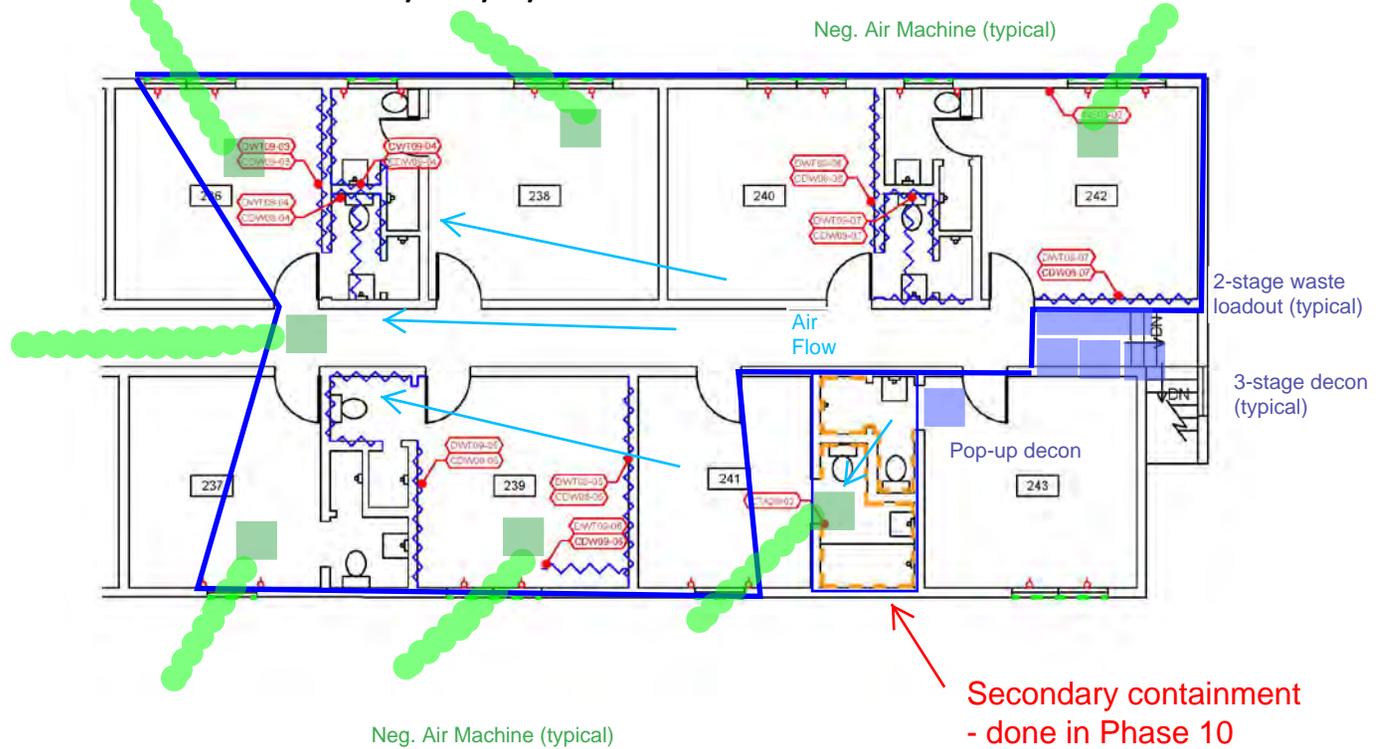
LEGEND

ROOM NUMBERS	HEAT AND COOLING UNIT - TSI (DETECT)	ATTIC AIR VENT - TSI (DETECT)
ASBESTOS BULK SAMPLE LOCATIONS (DETECT)	DRYWALL (DETECT)	
EXTERIOR WINDOW GLAZING AND CAULKING (DETECT)	BLACK CERAMIC TILE (DETECT)	

0 6
Approximate Scale in Feet

COLONIAL MANOR MOTEL 2615 EAST 46 TH AVENUE DENVER, CO (Not to Scale)	FEI Project #AS18039 Approved by: NDV	Date: 02/11/18 Drawn By: DMB	Figure 11
	Foothills Environmental, Inc. 11099 W 8 th Avenue Lakewood, CO 80215		

ABATEMENT PHASE 11 – RMS 236 TO 243
3/9 – 3/19/2018



LEGEND

- ROOM NUMBERS
- ASBESTOS BULK SAMPLE LOCATIONS (DETECT)
- EXTERIOR WINDOW GLAZING AND CAULKING (DETECT)
- HEAT AND COOLING UNIT - TSI (DETECT)
- DRYWALL (DETECT)
- BLACK CERAMIC TILE (DETECT)

0 3 6
 Approximate Scale in Feet

COLONIAL MANOR MOTEL
 2615 EAST 46TH AVENUE
 DENVER, CO
 (Not to Scale)

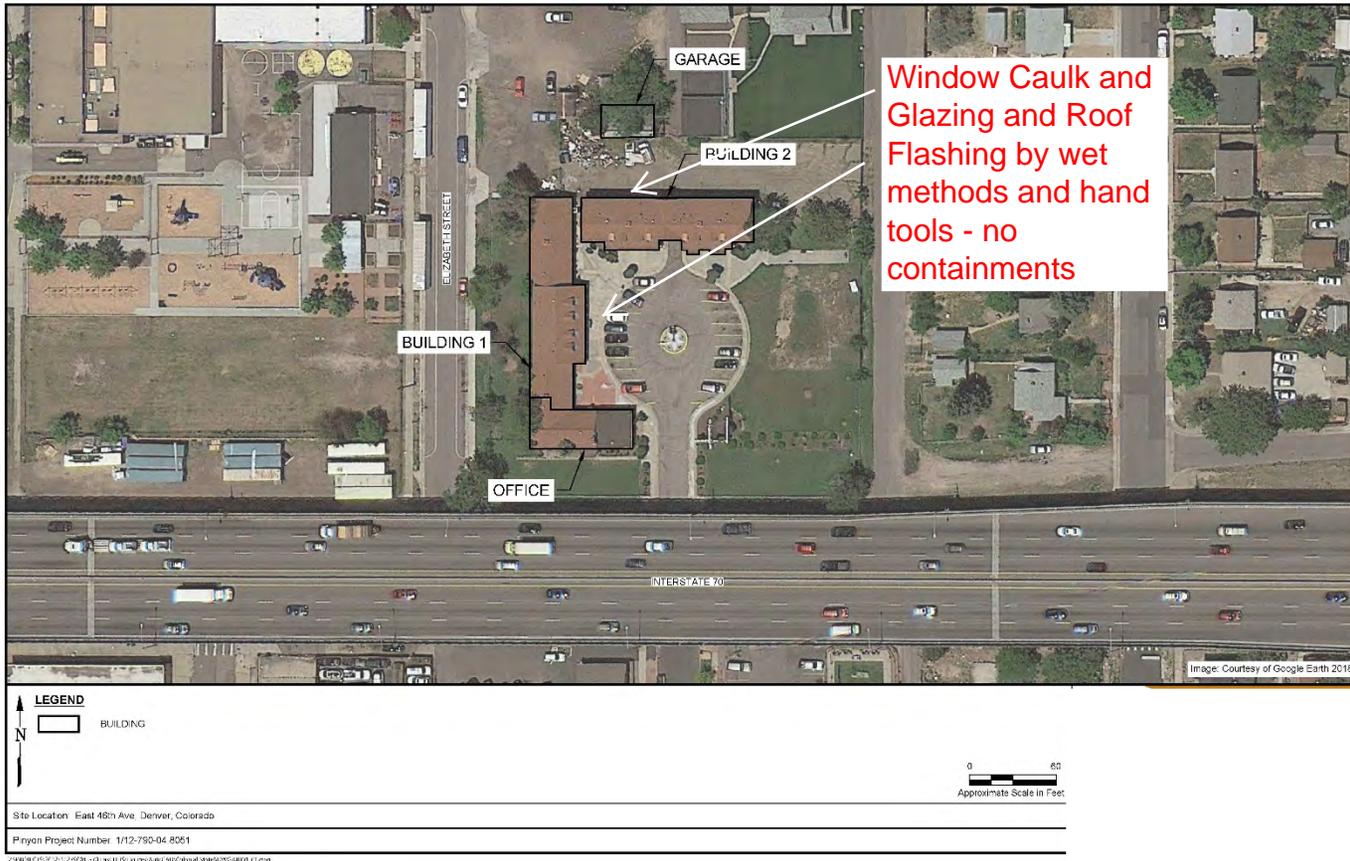
FEI Project #AS18039
 Approved by: NDV
 Foothills Environmental, Inc.
 11099 W 8th Avenue
 Lakewood, CO 80215

Date: 02/11/18
 Drawn By: DMB

Figure
 12

Signature:

**ABATEMENT PHASE 12 – EXTERIOR
3/12 – 3/19/2018**



COLONIAL MANOR MOTEL 2615 EAST 46 TH AVENUE DENVER, CO (Not to Scale)	FEI Project #AS18039	Date: 02/11/18	Figure 13
	Approved by: NDV	Drawn By: DMB	
 Foothills Environmental, Inc.		Signature: 	
11099 W 8 th Avenue Lakewood, CO 80215			



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 Denver, CO 80221,
 United States of America

CERTIFICATE OF ACHIEVEMENT

This certificate is awarded to:

DAN BENECKE

In recognition of satisfactory completion of the EPA-approved annual asbestos refresher training course under section 206 of the Toxic Substance Control Act (TSCA) and Colorado Regulation No. 8 entitled

PROJECT DESIGNER

COURSE DATE: DECEMBER 21, 2017
 EXPIRATION DATE: DECEMBER 21, 2018
 COURSE HOURS: 8.0

Verify Credential



Danaya N. Benedetto
 Co-Founder & CEO
 Training Program Manager

Credential License ID: 11084755



Frank Hulse
 Instructor

CHC Training Certificate No.
 R17-2205-APD-CO

Visit our Website





Colorado Department
of Public Health
and Environment

ASBESTOS CERTIFICATION*

This certifies that

Daniel M. Benecke

Certification No.: 1947

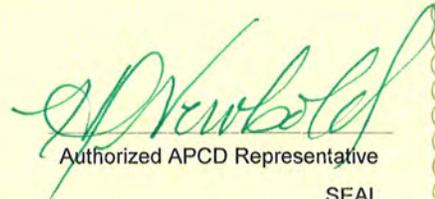
has met the requirements of 25-7-507, C.R.S. and Air Quality Control Commission Regulation No. 8, Part B, and is hereby certified by the state of Colorado in the following discipline:

Project Designer*

Issued: February 01, 2018

Expires: February 01, 2019

** This certificate is valid only with the possession of a current Division-approved training course certification in the discipline specified above.*


Authorized APCD Representative
SEAL



Colorado Department
of Public Health
and Environment

ASBESTOS CONSULTING FIRM

This certifies that

Foothills Environmental, Inc.

Registration No.: ACF - 14925

has met the registration requirements of 25-7-507, C.R.S. and the Air Quality Control Commission Regulation No. 8, Part B, and is hereby authorized to perform asbestos consulting activities as required under Regulation No 8, Part B, in the state of Colorado.

Issued: January 30, 2018

Expires: January 30, 2019

[Handwritten Signature]

Authorized APCD Representative

SEAL

4b. Demolition Plan

**Pre-Demolition Survey
And General Demolition Plan
For
2615 East 46th Avenue
Denver, CO 80216**



Engineers: David A. Poe, P.E., S.E.
Glen L. Wilson, E.I.T.

March 9, 2018
Project No: 180113

March 9, 2018

Stephen P. Di Nardo
JKS Industries, LLC
747 Sheridan Blvd #9A
Lakewood, CO 80214

Re: 2615 East 46th Ave. Denver, CO 80216
Pre-Demolition Engineering Survey per OSHA 1926.850(a)
And General Demolition Plan

Date of Observation: 02/12/18

Dear Mr. Di Nardo:

At the request of JKS Industries (JKS), representatives from Anchor Engineering, Inc. (AEI) performed a site observation at the above-referenced structure on Monday February 12, 2018.

For the purpose of this report, there are two main buildings on the property as well as two out-buildings. The front elevation of the north main building faces south and is parallel to 46th Avenue. The other main building has two wings. A west wing which runs north to south and is parallel with Elizabeth Street on the west and a south wing which is parallel to 46th Avenue. The office is located in the south wing and the entrance faces east. The two out-buildings are located along the northern edge of the property. At the time of our visit the buildings were vacant.

The purpose of our site visit was twofold:

1. To give an assessment of the current condition of the structure as it relates to structurally related hazards before the proposed demolition activities. OSHA 1926.850 states:

1926.850(a)

Prior to permitting employees to start demolition operations, an engineering survey shall be made, by a competent person, of the structure to determine the condition of the framing, floors, and walls, and possibility of unplanned collapse of any portion of the structure. Any adjacent structure where employees may be exposed shall also be similarly checked. The employer shall have in writing evidence that such a survey has been performed.

1926.850(b)

When employees are required to work within a structure to be demolished which has been damaged by fire, flood, explosion, or other cause, the walls or floor shall be shored or braced.

1926.850(c)

All electric, gas, water, steam, sewer, and other service lines shall be shut off, capped, or otherwise controlled, outside the building line before demolition work is started. In each case, any utility company which is involved shall be notified in advance.

1926.850(d)

If it is necessary to maintain any power, water or other utilities during demolition, such lines shall be temporarily relocated, as necessary, and protected.

1926.850(e)

It shall also be determined if any type of hazardous chemicals, gases, explosives, flammable materials, or similarly dangerous substances have been used in any pipes, tanks, or other

equipment on the property. When the presence of any such substances is apparent or suspected, testing and purging shall be performed and the hazard eliminated before demolition is started.

1926.850(f)

Where a hazard exists from fragmentation of glass, such hazards shall be removed.

1926.850(g)

Where a hazard exists to employees falling through wall openings, the opening shall be protected to a height of approximately 42 inches.

1926.850(h)

When debris is dropped through holes in the floor without the use of chutes, the area onto which the material is dropped shall be completely enclosed with barricades not less than 42 inches high and not less than 6 feet back from the projected edge of the opening above. Signs, warning of the hazard of falling materials, shall be posted at each level. Removal shall not be permitted in this lower area until debris handling ceases above.

1926.850(i)

All floor openings, not used as material drops, shall be covered over with material substantial enough to support the weight of any load which may be imposed. Such material shall be properly secured to prevent its accidental movement.

1926.850(j)

Except for the cutting of holes in floors for chutes, holes through which to drop materials, preparation of storage space, and similar necessary preparatory work, the demolition of exterior walls and floor construction shall begin at the top of the structure and proceed downward. Each story of exterior wall and floor construction shall be removed and dropped into the storage space before commencing the removal of exterior walls and floors in the story next below.

1926.850(k)

Employee entrances to multistory structures being demolished shall be completely protected by sidewalk sheds or canopies, or both, providing protection from the face of the building for a minimum of 8 feet. All such canopies shall be at least 2 feet wider than the building entrances or openings (1 foot wider on each side thereof), and shall be capable of sustaining a load of 150 pounds per square foot.

2. Provide a general outline of the demolition procedures and sequence that is proposed to be used in the demolition of the subject structure. These outlined procedures/sequences are subject to change by AEI and/or the demolition contractor based on the observed response of the structure overall and components thereof during actual demolition operations.

No architectural or structural drawings were provided for our review.

- The north building is a two-story structure with 2-wythe brick exterior walls. The floor framing is composed of steel bar joists spanning east to west with a concrete floor deck on top. It has wood framed interior walls and roof rafters. The foundation has a full basement constructed of cast-in-place concrete exterior walls with 8" cinder block interior walls and a concrete slab on grade floor. The building has an open section located in the center of the building which cars can be driven through at the street level. The basement extends under this portion of street. It is supported by a cast-in-place concrete structure which is assumed to be a U-shaped section.
- The west wing has a two-story section that is approximately 50' long and located in the central portion of the wing. The other portions of the building are single-story. The building is similarly constructed with 2-wythe brick exterior walls, steel bar joists supporting concrete deck floors, and wood framed interior

walls and rafters. The foundation is cast-in-place concrete over a crawlspace in the west wing and full basement in the south wing.

- The two out-buildings consist of a two car garage which is wood framed with a slab on grade foundation and a metal shed.

Existing Condition Observation

During our site visit we made visual observations from the inside of the structure and around the building perimeter. The structure was partially exposed in all areas. All of the existing structural systems that were exposed to view appeared to be in good condition. We saw no evidence of noteworthy structural distress. It is our professional opinion that the possibility of un-planned collapse of any portion of the existing structures is very low. Workers may be allowed in the buildings to prepare them for demolition with such activities as removal of materials or other work that does not involve activities that affect existing structural systems.

Outline of Proposed Demolition Procedures, Equipment, and Sequence

Equipment

We anticipate demolition for this structure to be completed with heavy equipment including:

- “Track-hoe” excavators capable of reaching structural elements to be demolished. Excavators may be equipped at times with buckets/grapples, hydraulically actuated demolition hammers or shears, and other custom extensions for demolition and/or holding elements for temporary stability.
- Small skid steer loaders may also be utilized from time to time during demolition

Demolition Sequencing

General

After the commencement of demolition with heavy equipment, by necessity, structural systems from this point forth will be destroyed. Demolition should proceed as fast as practical until the structure is demolished in its entirety. The lateral stability of the building appears to be provided by the perimeter brick walls.

During demolition operations, care must be taken to protect and prevent damage to the utilities both above and below ground.

During demolition, water will be used to wet down the area that is being demolished prior to starting the demolition. During the demolition process a water spray will be used to minimize the fugitive particulate matter emissions. The ground will be sprayed with water either by water truck or some type of water spray to minimize fugitive particulate emissions from haul trucks and demolition equipment.

Sequence

The following sequencing applies to all buildings on the property.

The building superstructure may be collapsed into the basement or crawlspace. No heavy equipment should be driven onto the building footprint until the roof, walls, and floor systems have been collapsed. Once the roof, walls, and floor systems are demolished, the slab on grade and foundations can be removed in any sequence.

Closing

This report constitutes an engineering review and summary of the pre-demolition condition of the structural systems of the subject building as well as a general outline of demolition procedures and sequencing. Note that the conclusions drawn are based on visual observations and our expertise and experience with structural engineering of building structures. Unless noted otherwise, no non-destructive or destructive testing of any kind was performed, nor was any formal engineering analysis completed. These procedures/sequences outlined herein are subject to change by AEI and/or the demolition contractor based on the observed response of the structure overall and components thereof during actual demolition operations. Anchor Engineering, Inc. shall be held harmless for damage of any kind to surrounding structures or property or for injury of any kind to any person or persons. The demolition contractor is responsible for jobsite safety. The conclusions presented in this report are based on conditions noted at the time of the observation. Commentary or recommendations regarding environmental issues are beyond the scope of this report. Should questions arise, or if further information is required regarding the content of this report, please contact our office.

Sincerely,
Anchor Engineering, Inc.

Reviewed By:



Glen L. Wilson, E.I.T.
Design Engineer



David A. Poe, P.E., S.E.
Principal

4c. SSAR - Pinyon

February 9, 2018

Colonial Manor Structural Survey Assessment Report AP-66

Colonial Manor Motel
2615 E 46th Ave.
Denver, CO 80216

Prepared For:

Colorado Department of Transportation
2000 S. Holly St.
Denver, CO 80222

Pinyon Project No.:

1/12-790-04.8051



February 9, 2018

Colonial Manor Structural Survey Assessment Report AP-66

Colonial Manor Motel
2615 E 46th Ave.
Denver, CO 80216

Prepared For:

Colorado Department of **Transportation**
2000 S. Holly St.
Denver, CO 80222

Pinyon Project No.:

1/12-790-04.8051

Prepared by:



Deborah Fernandez
Environmental Scientist – Industrial Hygiene Group

Reviewed by:



Tricia McCready
Technical Group Manager – Industrial Hygiene



Jeremy Musson
Principal

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I. Introduction

Pinyon Environmental, Inc. (Pinyon), was retained to complete a survey for asbestos-containing materials (ACMs), lead-based paint (LBP), and regulated building materials (RBM), at the below-referenced Site, to identify items that will need to be abated or removed prior to demolition activities. These services were conducted in accordance with the Pinyon proposal referenced below.

Table I-1 Project Details

Client Name:	Colorado Department of Transportation
Site Location:	2615 E 46 th Ave Denver, CO 80216
Building Type	Two-buildings - Two-stories each
Building Size	Building 1 and Building 2 - approximately 20,000 square feet, basements included
Construction Date:	1946 - Multiple remodels and asbestos abatements were completed, documentation was not provided
Building Uses:	Colonial Motel - Office, mechanical rooms, motel rooms, support areas, etc.
Types of Materials to be Disturbed/Description of Proposed Disturbances:	Client intends to demolish all structures. All building materials will be impacted.

2. Survey Methods

2.1 Asbestos Survey

Pinyon conducted the asbestos survey on December 20, 2017 and January 18th through 25th of 2018. The asbestos survey was conducted in accordance with Environmental Protection Agency (EPA) National Emission Standard for Hazardous Air Pollutants (NESHAP) regulations. All the inspection and sampling activities conducted as part of the survey were performed by Deborah Fernandez and Kristen Hill of Pinyon, EPA-certified Asbestos Hazard Emergency Response Act (AHERA) Building Inspectors (Appendix A). The survey consisted of inspecting the interior, exterior and roof system of the Site structures for suspect ACM, and collecting bulk building material samples for submittal to an accredited laboratory under Pinyon chain-of-custody protocol. The inspectors planned and organized the bulk sampling; identified and mapped homogenous areas and functional spaces; performed the physical assessment of suspect materials; assessed the condition and potential damage to non-friable and friable materials during future demolition activities; took photographs of each suspect ACM and generated a photographic log; and collected the bulk samples. The bulk sample locations were then recorded on sample location drawings. The bulk samples were submitted to Reservoirs Environmental, Inc. in Denver, Colorado for asbestos analysis via Polarized Light Microscopy (PLM) techniques, performed in general accordance with the procedures outlined in the EPA “Method for the Determination of Asbestos in Bulk Building Materials” (EPA 600/R-93/116). Reservoirs is certified for Bulk Asbestos Fiber Analysis under the National Voluntary Laboratory Accreditation Program (NVLAP).

The structural survey assessment was divided into two buildings. Building 1, is referenced as the office/basement and motel rooms which are located on the south and west ends of the property. Building 2, is referenced as Building 2 which is located on the north end of the property (Figure 1). The garage, is noted on the site plan but is discussed in the report for parcel AP-66A. A separate asbestos-containing only report for asbestos pre-bid demolition was issued on January 26, 2018 (Pinyon, 2018), and the results are incorporated in this report. Previous as-built building plans and asbestos abatement documents were not available to Pinyon.

A total of 138 suspect homogeneous materials were identified throughout the building interiors, exteriors, and roof systems. Homogeneous building materials are defined as being uniform in visual appearance (e.g., color, texture, and pattern) and appear to be constructed at one time. A total of 488 samples were collected for PLM analysis, generally including three bulk samples from each suspect homogeneous material, and seven samples collected from the textured drywall surfacing, if applicable. Nineteen duplicate samples were also collected for quality assurance purposes. Descriptions, locations and quantity of asbestos detected in the samples analyzed are presented in the ‘Findings’ section below. Suspect ACM sample locations are presented on Figures 2 through 14. Photographs of known asbestos containing material are included in Appendix B.

Samples with results of less than or equal to one percent (1%) of asbestos detected in friable or non-friable materials were point counted (PC) unless associated with another homogeneous material containing greater than trace amount and could not be separated, (plaster skim, drywall texture/joint compound). For PLM sample results found to be greater than 1% from any given homogeneous material, the remaining samples are also assumed to be positive for ACM and were not analyzed.

2.2 Lead-Based Paint Survey

Pinyon conducted the LBP survey concurrently with the asbestos survey. The LBP survey was conducted to evaluate the presence of LBP or lead-containing paint (LCP) that will be impacted during demolition activities. As before, the survey consisted of inspecting the interiors, exteriors and roof systems of the structures for suspect LBP or LCP, by collecting paint chip samples of each unique paint for submittal to an accredited laboratory under Pinyon chain-of-custody protocol. All inspection and sampling activities were also performed by

Deborah Fernandez, a certified lead inspector/assessor (Appendix A). The suspect LBP samples were submitted to Reservoirs Environmental Inc. for analysis of total lead (percent by weight) via flame atomic absorption by EPA Method 7420. Reservoirs is accredited under the American Industrial Hygiene Association's Environmental Lead Proficiency Analytical Testing program.

A total of 17 homogeneous suspect LBP areas were identified. In general, one paint chip sample was collected from each suspect homogeneous area and submitted to the laboratory for analysis. Pinyon collected a total of 55 paint chip samples from the property for laboratory analysis. Representative photographs of each known LBP were taken and are included in a photographic log (Appendix C), and the paint chip sample locations were recorded and are included in sample location drawings (Figures 2 through 14). Descriptions of the suspect homogeneous materials and a list of the collected samples are included in the 'Findings' section below.

Based on results presented in the 'Findings' section below, a single sample for TCLP analysis was also collected by obtaining a representative sample (approximately 105 grams) of the combined building materials, which was submitted to Reservoirs for analysis by EPA Solid Waste (SW) Method 1311/6010C-TCLP Lead (Table 3.2A). The sample results are presented in the 'Findings' section below.

2.3 Regulated Building Materials Inventory

Pinyon conducted the RBM inventory concurrently with the asbestos and LBP surveys. This activity consisted of inspecting the interior, exterior and roof system of the existing structures for materials, devices and equipment suspected of containing potentially regulated materials, and to visually identify and quantify the RBMs as they pertain to the EPA Universal Waste Rule (UWR) requirements (40 CFR, Part 273). Typical RBMs include, but are not limited to: potential mercury-containing thermostats/switches; fluorescent light tubes and compact fluorescent bulbs; items potentially containing polychlorinated biphenyls (PCBs) (generally ballasts found within the fluorescent light fixtures); tritium powered exit signs; smoke detectors potentially containing Americium-241; and Freon-containing refrigeration systems. Samples of suspect RBMs are not required for this type of survey, as all determinations are made by visual means.

3. Findings

3.1 Asbestos Survey

A total of 488 bulk samples were collected from 138 suspect homogenous materials throughout the structure(s), and the results of the PLM analysis are presented in Table 3-1 and table 3-1A. The following samples were positive for ACMs (i.e. present greater than 1%):

Regulated Asbestos Containing Materials (RACM)

- CK01 – Exterior window caulk, (gray, brittle, poor condition, will be made friable by mechanical means), most exterior windows, Building 1 – **25% Chrysotile**
- GL01 – Exterior window glazing (light gray, brittle, poor condition, will be made friable by mechanical means), most exterior windows) Building 1 – **3% Chrysotile**
- INS01 – Insulation on heater control units (black tar and brown cork, also associated with TSI01 may be inseparable), Building 1 – **3% Chrysotile**
- TSI01 – Pipe insulation (gray, fibrous), Building 1 – **70% Chrysotile**
- SVF02 – Sheet vinyl flooring (brown with black fibrous backing material) Building 1 – **18% Chrysotile**
- DWT02 – Drywall texture (white, light smooth texture) Building 1 – **8% Chrysotile**
- CDW02 – Composite drywall (white compound, white tape, associated with DWT02, inseparable) Building 1 – **10% Chrysotile**
- VFT02 – Vinyl floor tile (brown floor tile with black mastic, will be made friable by mechanical means), Building 1/Office – **8% Chrysotile**
- CDW08 – Composite drywall, (white compound, white tape, and associated with DWT08 inseparable), Building 1 – **6% Chrysotile**
- TSI02 – Pipe insulation (white duct paper on seams located in the attics) – Building 1 and assume Building 2 – **85% Chrysotile**
- SVF14 – Sheet vinyl flooring (multi-colored sheet vinyl with off white fibrous backing) Building 2 – **25% Chrysotile**
- CK06 – Exterior window caulk (gray/white, brittle, poor condition, will be made friable by mechanical means) most exterior windows, Building 2 – **25% Chrysotile**
- INS03 – Insulation on heater control units (black tar and brown cork, also associated with TSI01 may be inseparable, did not point count due to association with TSI01) Building 2 - **<1% Chrysotile**
- DWT09 – Drywall texture, 2-layered wall system (white, smooth texture drywall on bottom layer fiberboard) Building 2 – **3% Chrysotile**

- CDW09 – Composite drywall (white compound, associated with DWT09 inseparable), Building 2 – **3% Chrysotile**
- GL02 – Exterior window glazing (tan/brown, brittle, poor condition, will be made friable by mechanical means), most exterior windows) Building 2 – **2% Chrysotile**
- TSI03 – Pipe insulation (gray fibrous), Building 2 – **80 % Chrysotile**
- CTA28 – 3x6 black ceramic tile (gray mastic/adhesive, will be made friable by mechanical means), Building 2 – **7% Chrysotile**
- VFT10 – Vinyl floor tile (brown floor tile with black mastic, will be made friable by mechanical means), Building 1/Office – **8% Chrysotile**
- CK04 – Interior window caulk, (gray, lab reports 2 layers, poor condition, will be made friable by mechanical means), Building 1/Office – **8% Chrysotile**
- CBA05 – Cove base adhesive (4” black cove base with dark brown adhesive, brittle, poor condition, will be made friable by mechanical means) Building 1/Office – **12% Chrysotile**
- SVF08 – Sheet vinyl flooring (multi-colored green/ green-marble with gray backing and clear adhesive) Building 2 – **7% Chrysotile**
- White mudded fittings associated with TSI01 and TSI02 are assumed to contain asbestos in both Building 1 and Building 2

Non-regulated Asbestos Containing Materials

- FL01 – Roof flashing (black tar), Building 1 and Building 2 – **10% Chrysotile**
- FL02 – Roof flashing (black tar with silver-pink paint), Building 1 and Building 2 – **7% Chrysotile**
- VFT02 – Vinyl floor tile (9x9 brown painted white) Building 1 – **8% Chrysotile**

Point Counts

Point count analysis occurred for samples with 1% of asbestos. The point count results are also presented in Table 3-1A. The laboratory analytical report is included as Appendix D. The following samples were confirmed to have less than 1% of asbestos due to point count analysis:

- TSI04-01, -02, -03
- PL14-02 and -03
- INS04-01, -02 and -03
- PL07-01, -02 and -03
- PL30-05 and -06

Duplicate Samples

For quality assurance purposes 19 duplicate samples were collected. The PLM results for each duplicate pair were found to be in agreement (Table 3-1 and Table 3-1A). Duplicate samples are listed as a duplicate in the sample location column of Table 3-1 and Table 3-1A.

3.2 Lead-Based Paint Survey

A total of 55 paint chip samples from 17 homogeneous paint colors were analyzed for the presence of LBPs and LCPs in both Building 1 and Building 2 (Table 3-2; Figures 2 through 13). Under EPA 40 CFR Part 745, LBP is defined as any paint or surface coating that contains lead equal to or exceeding 0.5% (by weight), while LCP is defined as any paint or surface coating containing lead greater than or equal to 0.06% up to 0.5% (by weight). Please note that the regulatory definition of LBP only applies to child-occupied facilities or targeted housing (pre-1978). For all other facilities, caution should be taken during demolition to minimize cutting, abrading, or otherwise causing an air disturbance to this material and work must be completed in accordance with the Occupation Safety and Health Administration (OSHA) Lead in Construction Standard (29 CFR 1926.62).

Twenty out of 55 lead sample results were found to be greater than 0.06% by weight and are considered LCP (Table 3-2). A single sample had lead concentrations greater than 0.5% by weight and is considered LBP. The remaining 36 sample results were below the laboratory reporting which were less than the LCP and LBP thresholds, and are considered non-lead containing paint (NLC). The laboratory analytical report is included in Appendix E.

3.2.1 TCLP Lead Analytical Results

Since a single sample was found to be LBP and 20 samples to be LCP, TCLP analysis of lead was conducted. As discussed in 40 CFR Part 261, the TCLP analysis simulates the potential for the demolished building materials to leach lead if placed in a landfill, and the results of the analysis determine if the demolished building materials would be considered characteristically hazardous, and therefore be a hazardous waste. The Toxicity Characteristic (TC) maximum concentration is 5 milligrams per liter (mg/L), with any concentrations above that amount indicating that the waste stream is hazardous waste. As shown on Table 3-2A), the results of the TCLP Lead analysis were <0.25 mg/L, and thus the demolished building materials would be considered solid waste and not hazardous waste.

3.3 Regulated Building Materials Inventory

Several suspect RBMs were visually identified throughout the structure(s), comprised of numerous compact and standard fluorescent lights (with associated ballasts within the light fixtures), four exit signs and two mercury thermometers were observed. The materials identified are discussed below, a complete list of the RBMs is presented in Table 3-3, and selected locations of the RBMs are depicted on Figures 15-25.

4. Conclusions and Recommendations

4.1 Asbestos

Approximately 8,000 square feet of RACM was identified in the three-drywall textures with associated systems, sheet vinyl flooring and vinyl floor tile throughout the motel structures. These materials will require abatement and final air clearances prior to demolition of the structures.

Additionally, approximately 11,000 linear feet of TSI, including the assumed TSI fittings, window caulk and window glazing will also require abatement and final air clearances. The soil on the floor of the pipe chase in Room A, of Building 1, along the north, east, and south wall are potentially contaminated with degraded TSI debris. These soils may require at a minimum of two-inch scrape and a final air clearance before demolition of the structure. There is also the concern of a TSI pipe chase under the slab between Building 1 and Building 2 which may be impacted during demolition. There is only one boiler which feeds the two structures and the chase was not accessible during the structural survey. In years past the motel had a heated swimming pool on the east side of the circular parking lot; however, the lines which may have fed the pool were not observed during the structural survey. Care should be taken during below grade demolition of the structures for both the lines going from Building 1 and Building 2 and the lines to the swimming pool.

Approximately 200 square feet of roof tar flashing was also confirmed to be an ACM. The roof flashing is a Category I Non-friable ACM, is not regulated, and generally structures can be demolished without abatement of this ACM.

No other ACM was identified throughout the structures; however, if additional suspect materials, not sampled during this investigation, are identified during demolition, they should either be assumed to be ACM or should be sampled prior to disturbance. Appendix F contains the NESHAP notification information statement and summary of results.

Prior to removal, all friable and non-friable ACM that may be impacted during renovation activities must be abated by a Colorado Certified Asbestos Abatement Contractor as required by the National Emissions Standard for Hazardous Air Pollutants and the CDPHE – Air Pollution Control Division: Asbestos.

The building materials in which <1% asbestos were detected are not considered ACBMs. However, these materials are still regulated by the OSHA. Proper personal protective equipment (PPE) and engineering controls must be utilized if these materials will be impacted during renovation activities.

4.2 Lead-Based Paint

Lead was detected at concentrations above the LCP threshold in 20 of the 55 samples, and above the LBP threshold in 1 of the 55 samples. The remaining 36 samples are considered NLC. Although LCP/LBP was identified in a nearly half of the samples analyzed, the TC limit of 5 mg/L was not exceeded in the TCLP lead analysis and the waste stream generated from the demolition of Building 1 and Building 2 will be considered solid waste. No lead abatement is required prior to demolition.

While the TCLP results indicate that the waste stream is not characteristically hazardous with respect to lead content, LCP and LBP are still present in the building materials. Therefore, the contractor responsible for demolition of this structure is notified with receipt of this report of the presence or potential presence of LCP and/or LBP in the building materials that comprise the buildings. The contractor should also notify their employees of the presence of LCP or LBP prior to any disturbance, and make the US Department of Labor Occupational Safety and Health Administration publication number 3142-12R 2004 available to their workers

(“Lead in Construction”, <http://www.osha.gov/Publications/osha3142.pdf>). The standards address topics such as permissible exposure limits (PELs) for workers, exposure assessment, protection of employees during assessment of exposure, employee notification, PPE, medical surveillance, along with other topics related to working with LCP and LBP.

4.3 Regulated Building Materials

Materials found during the regulated materials inventory within the buildings may require special handling or disposal prior to demolition activities. Pinyon recommends that the asbestos abatement contractor or general contractor selected by the client properly dispose of these regulated materials.

With regards to RBMs, it is likely that the ballasts in the fluorescent light fixtures do contain PCBs. Where a manufacturer’s label is present indicating “no PCBs”, the ballast can be disposed of with recyclable metal or with other municipal waste. During removal for disposal as part of the demolition activities, each ballast should be visually inspected for the manufacturer’s label indicating “no PCBs”. If the label does not have this notation, the ballast should be considered PCB-containing and should be disposed of as a hazardous waste in accordance with local, state, and federal regulatory guidelines. The contractor should also carefully remove all associated fluorescent light tubes and compact fluorescent lights, and recycle or dispose of these materials according to applicable regulations.

Three mercury-containing thermostats were identified. These units were found to be intact, and should be removed and disposed of according to applicable regulations.

The RBMs related to this inspection are primarily relevant to the Federal Universal Waste Rule (UWR) requirements under 40 CFR 273. Any contractors submitting bids for removal of the RBMs from this site should be held responsible for personally verifying quantities, conditions, and locations of any and all RBMs that may be in this structure prior to bid submittals and initiating demolition activities. The contractor is also responsible for proper recycling and/or disposal of the RBMs, and should use appropriate controls and/or personal protective equipment (PPE) when handling these materials.

5. Limitations

This report was prepared by Pinyon Environmental, Inc., at the request of and for the sole benefit of Colorado Department of Transportation, or any entity controlling, controlled by, or under common control with Colorado Department of Transportation. Any use a third party makes of this report, including reuse or publication of any portion of this report or any reliance on or decisions to be made based upon the results presented, are the responsibility of such third party. Pinyon Environmental, Inc., shall not be liable for any damages arising out of such reuse or publication, and accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions taken based on this report.

This report addresses certain physical characteristics of the site with regards to the presence of visible and accessible suspect asbestos-containing materials, suspect lead based paint, and suspect regulated building materials. Although Pinyon utilized destructive inspection methods in performing this survey, it is possible that areas or materials, inaccessible to Pinyon at the time of the sampling event, may be uncovered during renovation or demolition. If any additional materials are revealed during the renovation or demolition activities, Pinyon recommends that the materials should be assumed to be asbestos containing materials, lead-based paint, or regulated building materials, and managed as such, until properly sampled and analyzed.

Figures



Image: Courtesy of Google Earth 2018

LEGEND

↑ N

□ SITE BOUNDARY



SITE LOCATION
 Structure Survey Assessment Report
 AP-66 (Colonial Manor Motel)
 2615 East 46th Avenue
 Denver, Colorado

Site Location: East 46th Ave, Denver, Colorado

Drawn By: GMD

Figure: 1A

Pinyon Project Number: 1/12-790-04.8051

Reviewed By: DAF

Date: 02/09/2018

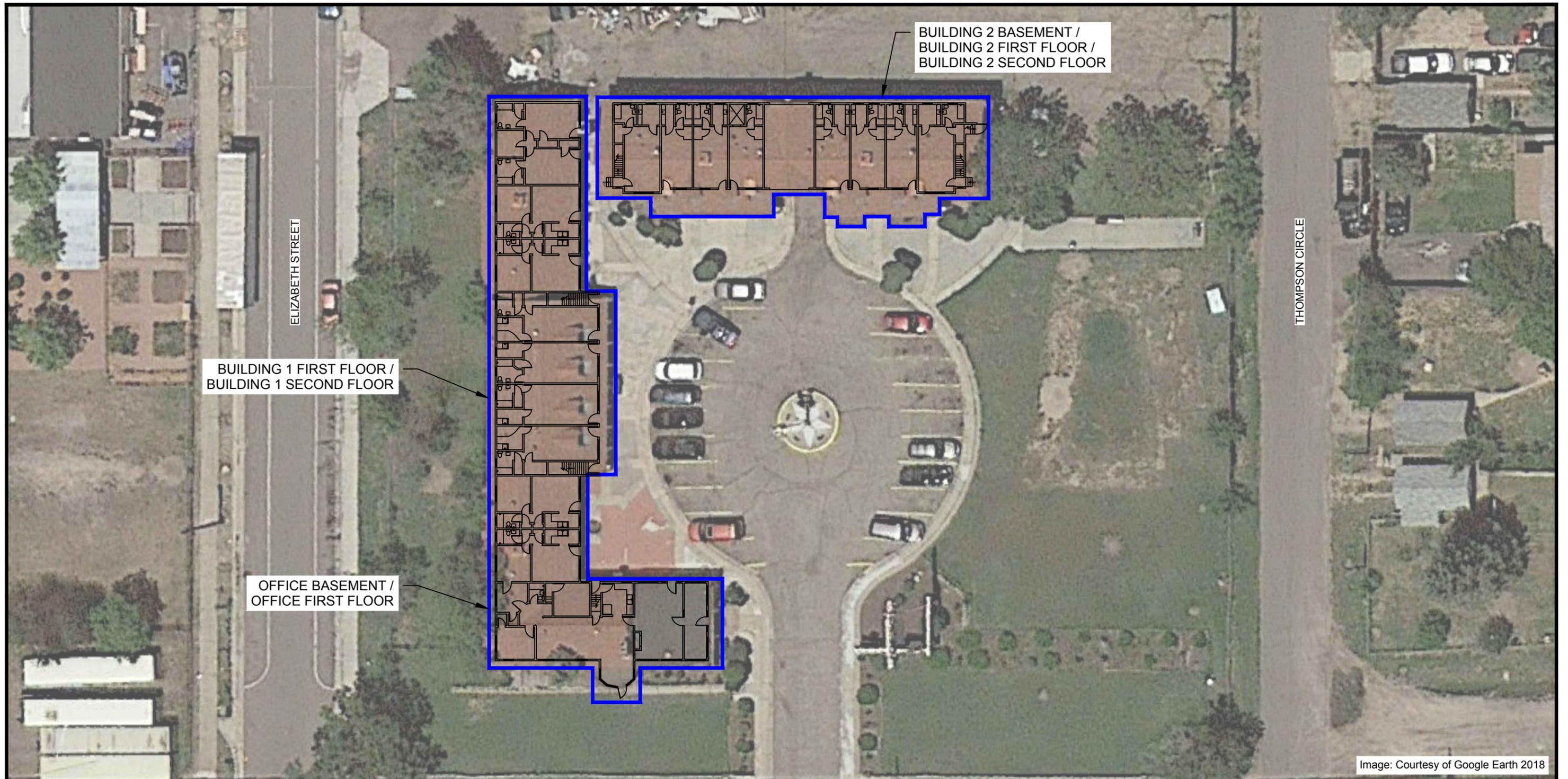


Image: Courtesy of Google Earth 2018

LEGEND

↑ N

□ SITE BOUNDARY

□ MOTEL ROOMS



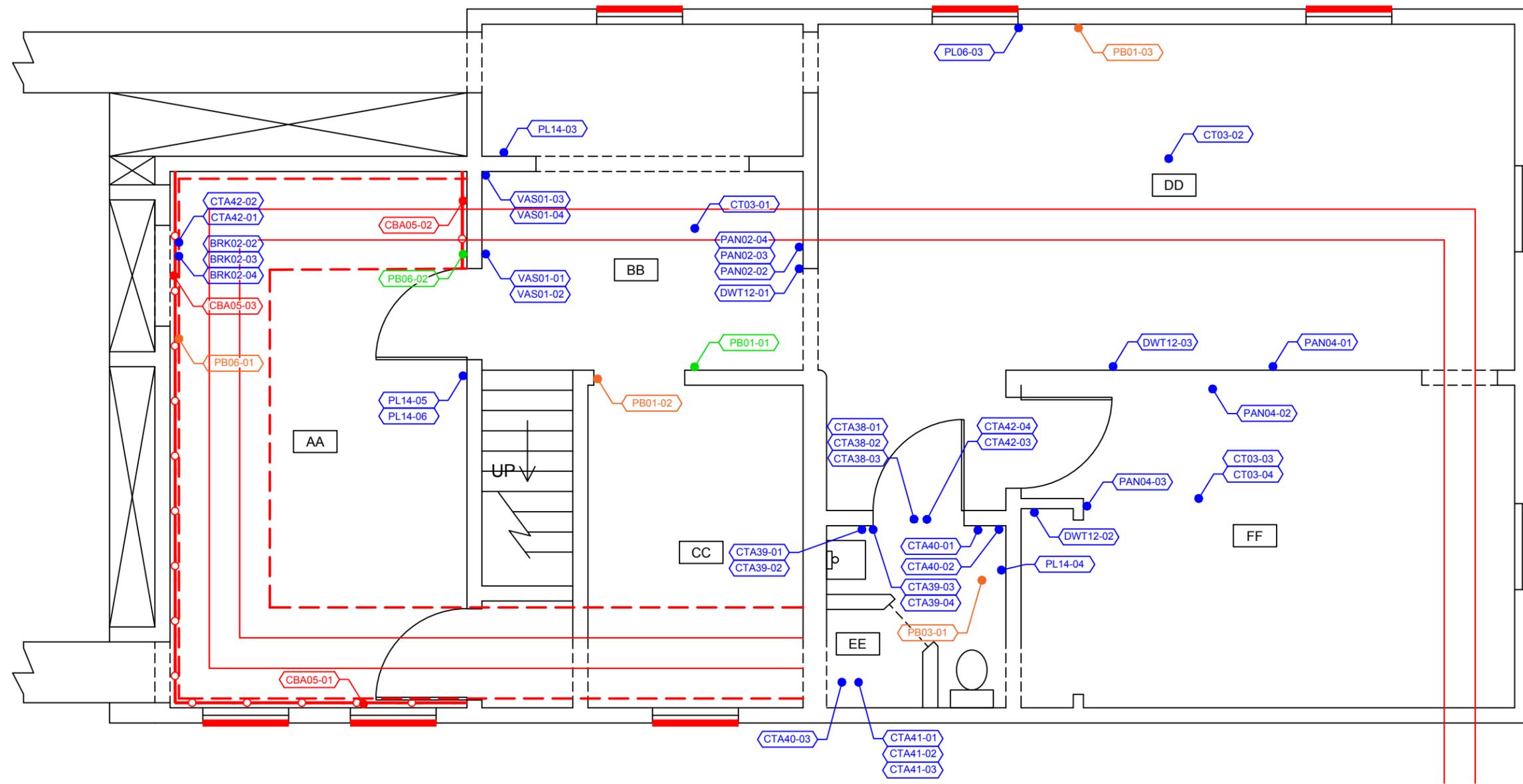
SITE PLAN
 Structure Survey Assessment Report
 AP-66 (Colonial Manor Motel)
 2615 East 46th Avenue
 Denver, Colorado

Site Location: East 46th Ave, Denver, Colorado

Drawn By: GMD Figure: 1B

Pinyon Project Number: 1/12-790-04.8051

Reviewed By: DAF Date: 02/09/2018



LEGEND			
	ROOM NUMBERS		4" BLACK COVE BASE (DETECT)
	ASBESTOS BULK SAMPLE LOCATIONS (DETECT)		CONCRETE CHASE
	ASBESTOS BULK SAMPLE LOCATIONS (NON-DETECT)		TSI
			EXTERIOR WINDOW GLAZING AND CAULKING (DETECT)
			LEAD-BASED PAINT SAMPLE LOCATIONS (DETECT)
			LEAD-BASED PAINT SAMPLE LOCATIONS (NON-DETECT)



Pinyon
Environmental, Inc.

ASBESTOS BULK SAMPLE AND LEAD-BASED PAINT SAMPLE LOCATIONS

Structure Survey Assessment Report
AP-66 (Colonial Manor Motel) - Office Basement
2615 East 46th Avenue
Denver, Colorado

Site Location: East 46th Ave, Denver, Colorado

Pinyon Project Number: 1/12-790-04.8051

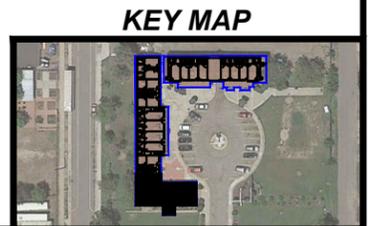
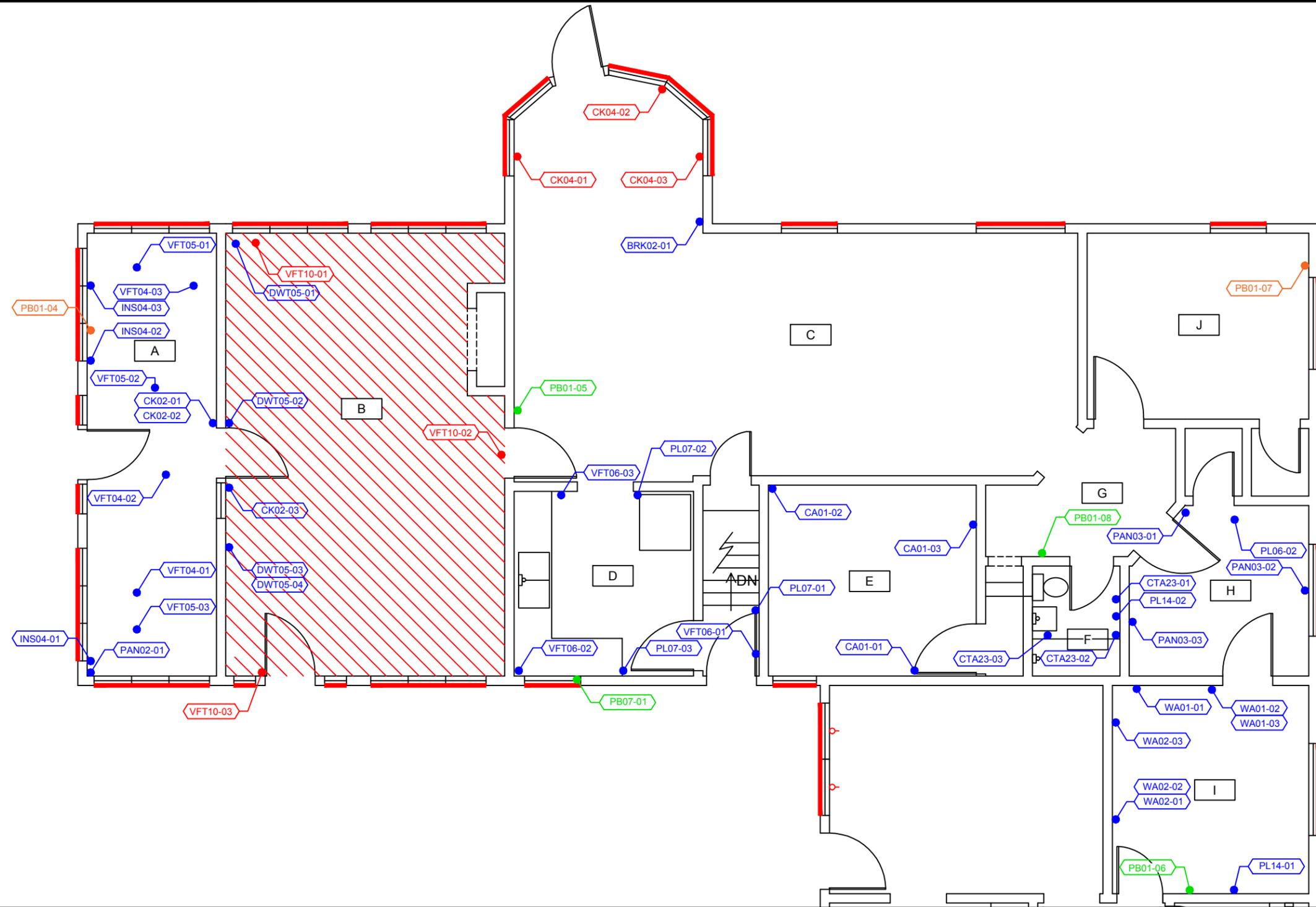
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Figure: 2

Reviewed By: DAF

Date: 02/09/2018

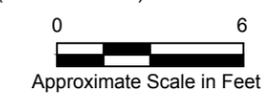
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LEGEND

	ROOM NUMBERS		HEAT AND COOLING UNIT - TSI (DETECT)
	ASBESTOS BULK SAMPLE LOCATIONS (DETECT)		FLOORING (DETECT)
	ASBESTOS BULK SAMPLE LOCATIONS (NON-DETECT)		EXTERIOR WINDOW GLAZING AND CAULKING (DETECT)

	LEAD-BASED PAINT SAMPLE LOCATIONS (DETECT)
	LEAD-BASED PAINT SAMPLE LOCATIONS (NON-DETECT)



ASBESTOS BULK SAMPLE AND LEAD-BASED PAINT SAMPLE LOCATIONS

Structure Survey Assessment Report
 AP-66 (Colonial Manor Motel) - Office
 2615 East 46th Avenue
 Denver, Colorado

Site Location: East 46th Ave, Denver, Colorado

Pinyon Project Number: 1/12-790-04.8051

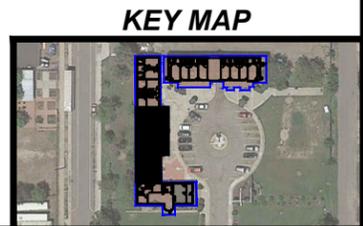
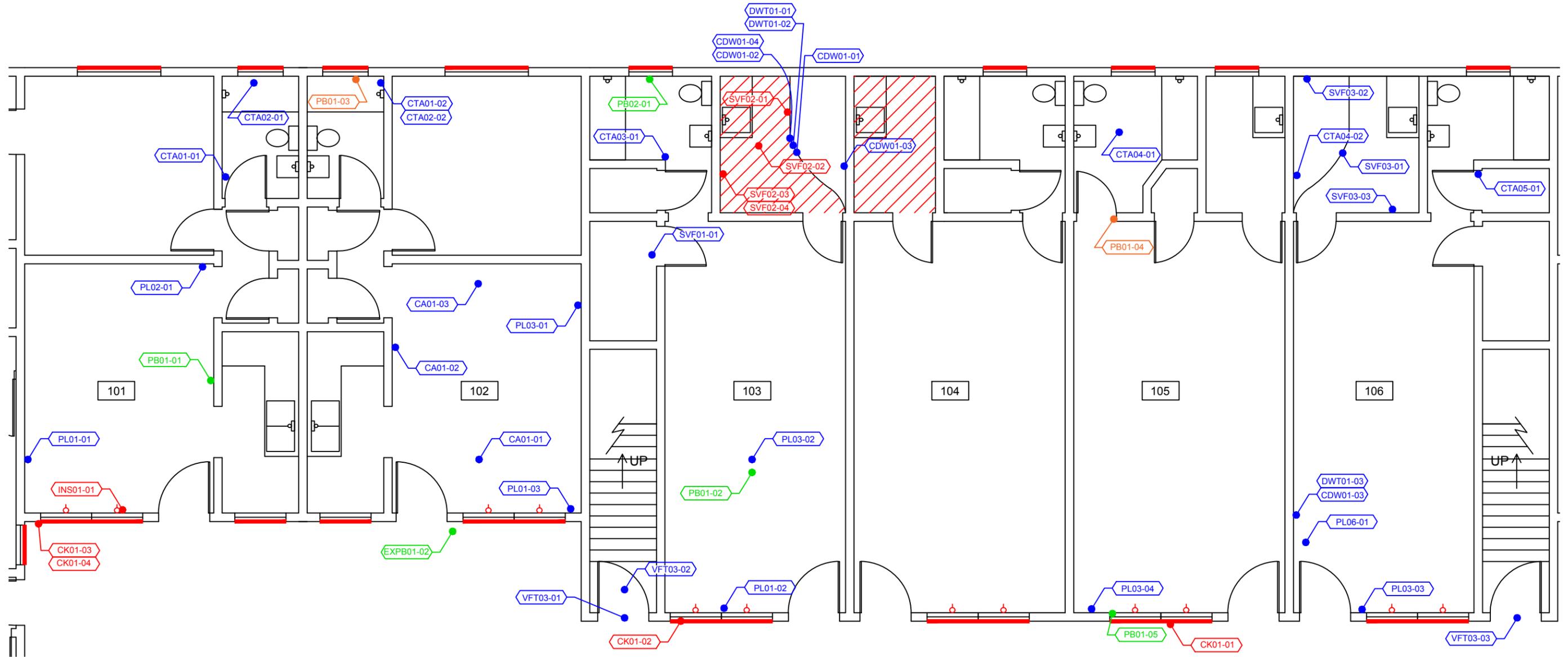
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Reviewed By: DAF

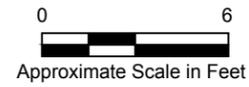
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LEGEND

- | | | |
|---|---|--------------------------------------|
| xxxx ROOM NUMBERS | xxxx LEAD-BASED PAINT SAMPLE LOCATIONS (DETECT) | HEAT AND COOLING UNIT - TSI (DETECT) |
| xxxx ASBESTOS BULK SAMPLE LOCATIONS (DETECT) | xxxx LEAD-BASED PAINT SAMPLE LOCATIONS (NON-DETECT) | FLOORING (DETECT) |
| xxxx ASBESTOS BULK SAMPLE LOCATIONS (NON-DETECT) | EXTERIOR WINDOW GLAZING AND CAULKING (DETECT) | |



ASBESTOS BULK SAMPLE AND LEAD-BASED PAINT SAMPLE LOCATIONS

Structure Survey Assessment Report
 AP-66 (Colonial Manor Motel) - Building 1 First Floor
 2615 East 46th Avenue
 Denver, Colorado

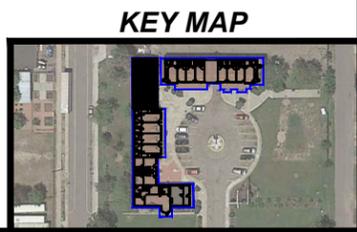
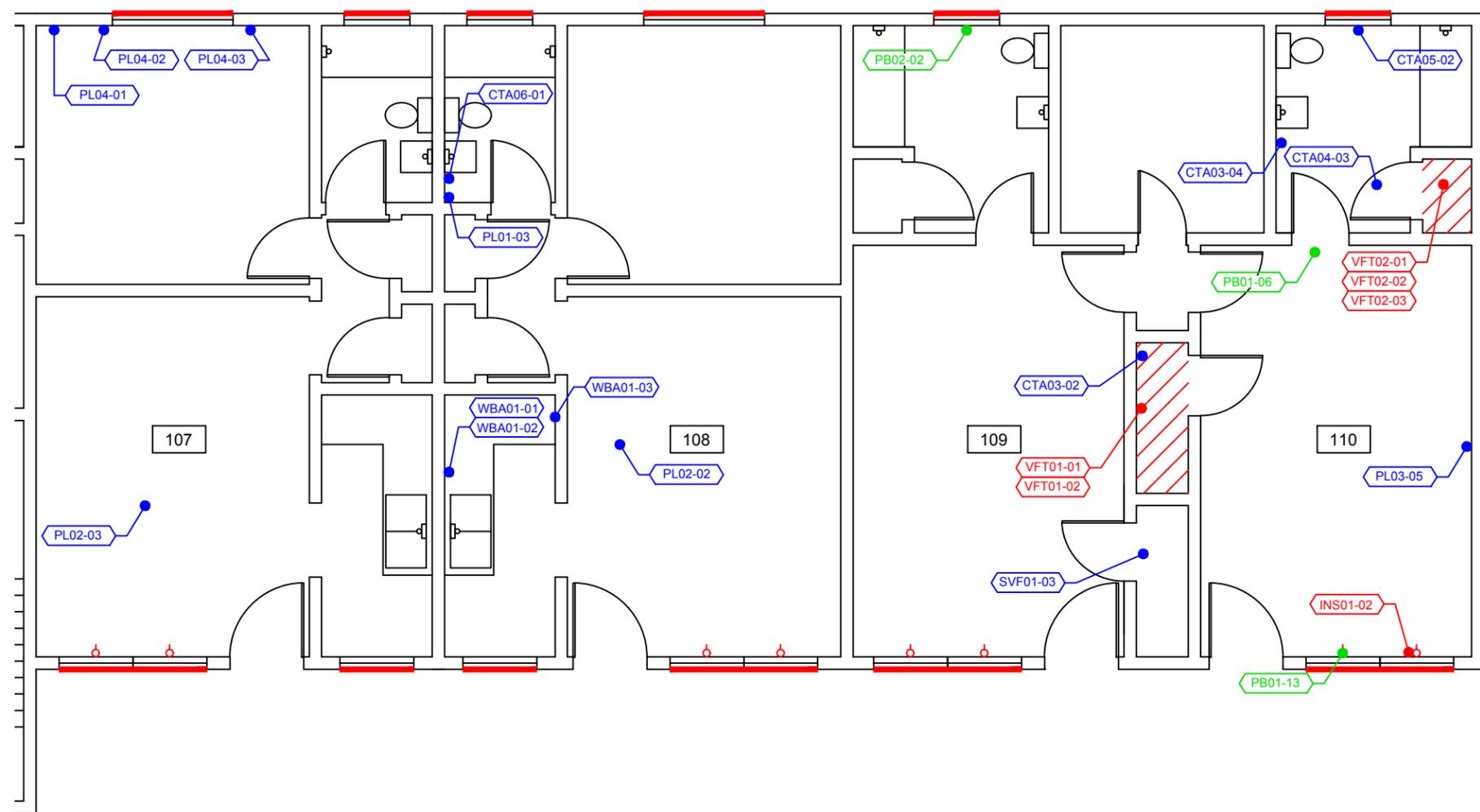
Site Location: East 46th Ave, Denver, Colorado

Drawn By: GMD Figure: 4

Pinyon Project Number: 1/12-790-04.8051

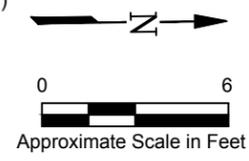
Reviewed By: DAF Date: 02/09/2018

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LEGEND

- xxxx ROOM NUMBERS
- xxxx ASBESTOS BULK SAMPLE LOCATIONS (DETECT)
- xxxx ASBESTOS BULK SAMPLE LOCATIONS (NON-DETECT)
- xxxx LEAD-BASED PAINT SAMPLE LOCATIONS (DETECT)
- xxxx LEAD-BASED PAINT SAMPLE LOCATIONS (NON-DETECT)
- EXTERIOR WINDOW GLAZING AND CAULKING (DETECT)
- HEAT AND COOLING UNIT - TSI (DETECT)
- FLOORING (DETECT)



Pinyon
Environmental, Inc.

**ASBESTOS BULK SAMPLE AND
LEAD-BASED PAINT SAMPLE LOCATIONS**

Structure Survey Assessment Report
AP-66 (Colonial Manor Motel) - Building 1 First Floor
2615 East 46th Avenue
Denver, Colorado

Site Location: East 46th Ave, Denver, Colorado

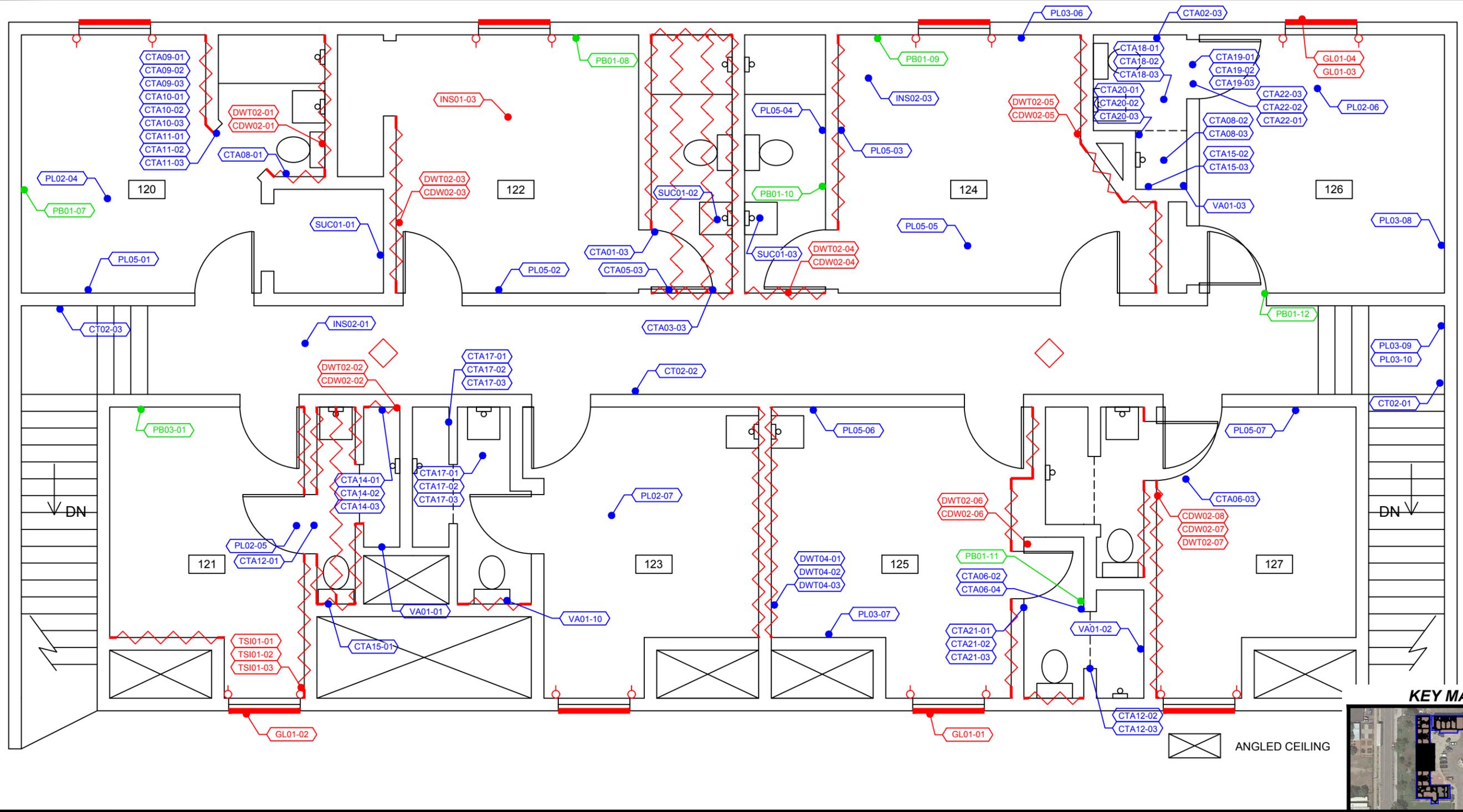
Pinyon Project Number: 1/12-790-04.8051

Drawn By: GMD

Figure: 5

Reviewed By: DAF

Date: 02/09/2018

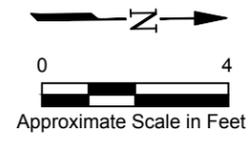


KEY MAP



LEGEND

- | | | |
|---|---|---|
| xxxx ROOM NUMBERS | HEAT AND COOLING UNIT - INSULATION (DETECT) | EXTERIOR WINDOW GLAZING AND CAULKING (DETECT) |
| xxxx ASBESTOS BULK SAMPLE LOCATIONS (DETECT) | xxxx LEAD-BASED PAINT SAMPLE LOCATIONS (DETECT) | DRYWALL (DETECT) |
| xxxx ASBESTOS BULK SAMPLE LOCATIONS (NON-DETECT) | xxxx LEAD-BASED PAINT SAMPLE LOCATIONS (NON-DETECT) | ATTIC AIR VENT - TSI (DETECT) |



Pinyon
Environmental, Inc.

ASBESTOS BULK SAMPLE AND LEAD-BASED PAINT SAMPLE LOCATIONS

Structure Survey Assessment Report
AP-66 (Colonial Manor Motel) - Building 1 Second Floor
2615 East 46th Avenue
Denver, Colorado

Site Location: East 46th Ave, Denver, Colorado

Pinyon Project Number: 1/12-790-04.8051

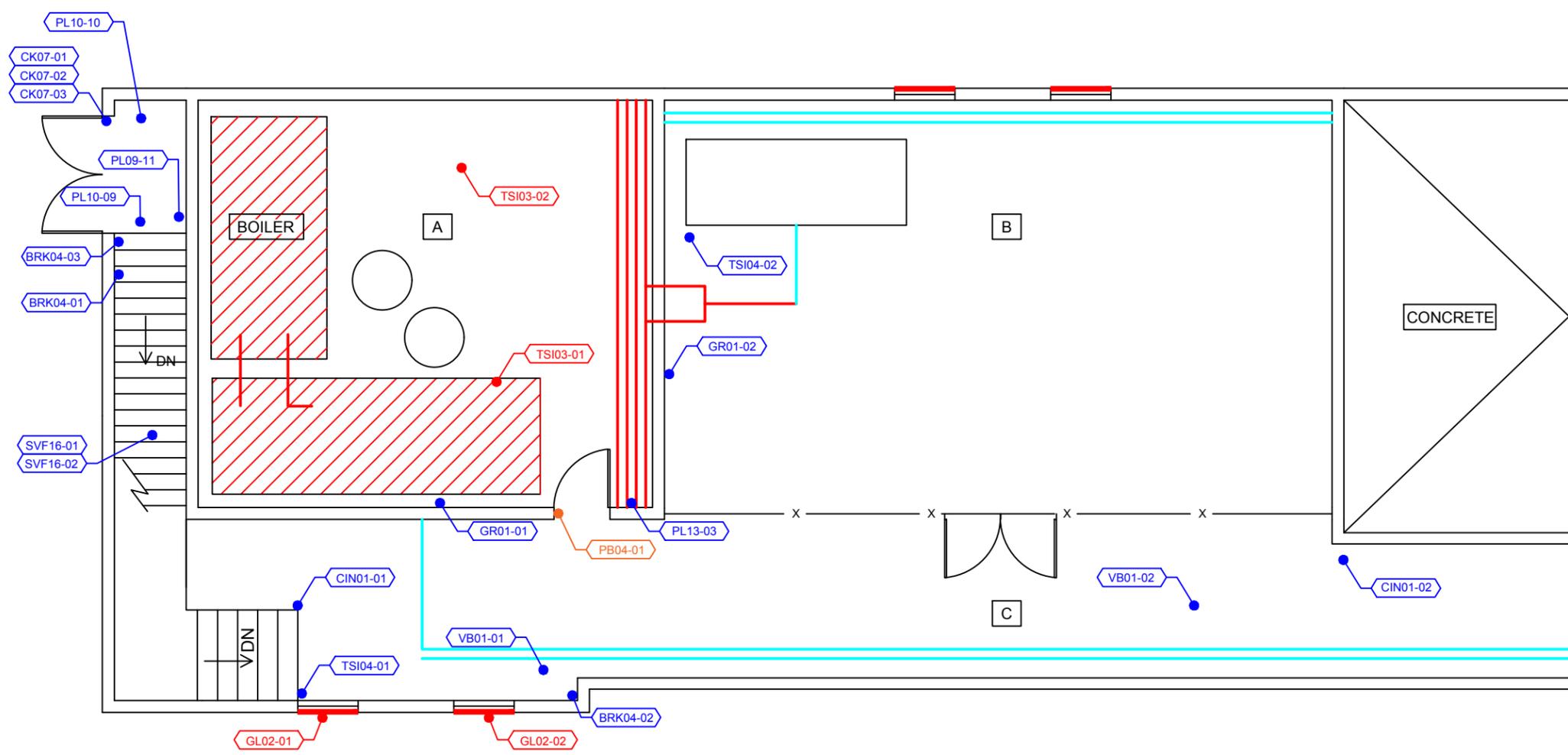
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Figure: 6

Reviewed By: DAF

Date: 02/09/2018

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LEGEND 	ROOM NUMBERS	FIBERGLASS	EXTERIOR WINDOW GLAZING AND CAULKING (DETECT)
	ASBESTOS BULK SAMPLE LOCATIONS (DETECT)	BULK DETECT	LEAD-BASED PAINT SAMPLE LOCATIONS (DETECT)
ASBESTOS BULK SAMPLE LOCATIONS (NON-DETECT)	TSI	LEAD-BASED PAINT SAMPLE LOCATIONS (NON-DETECT)	 Approximate Scale in Feet

ASBESTOS BULK SAMPLE AND LEAD-BASED PAINT SAMPLE LOCATIONS

 Structure Survey Assessment Report

 AP-66 (Colonial Manor Motel) - Building 2 Basement

 2615 East 46th Avenue

 Denver, Colorado

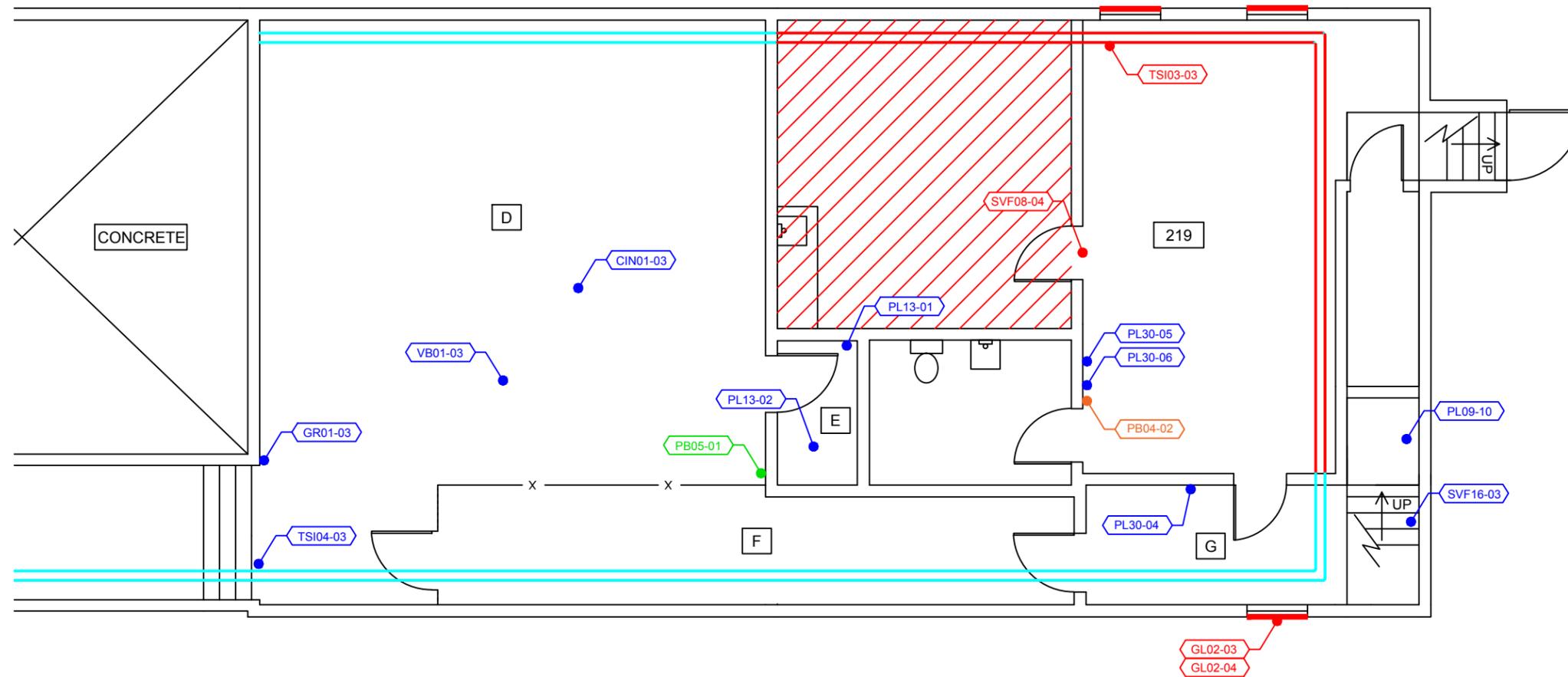
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 Pinyon Project Number: 1/12-790-04.8051

Drawn By: GMD Figure: 7

 Reviewed By: DAF Date: 02/09/2018

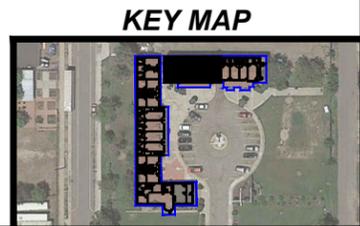
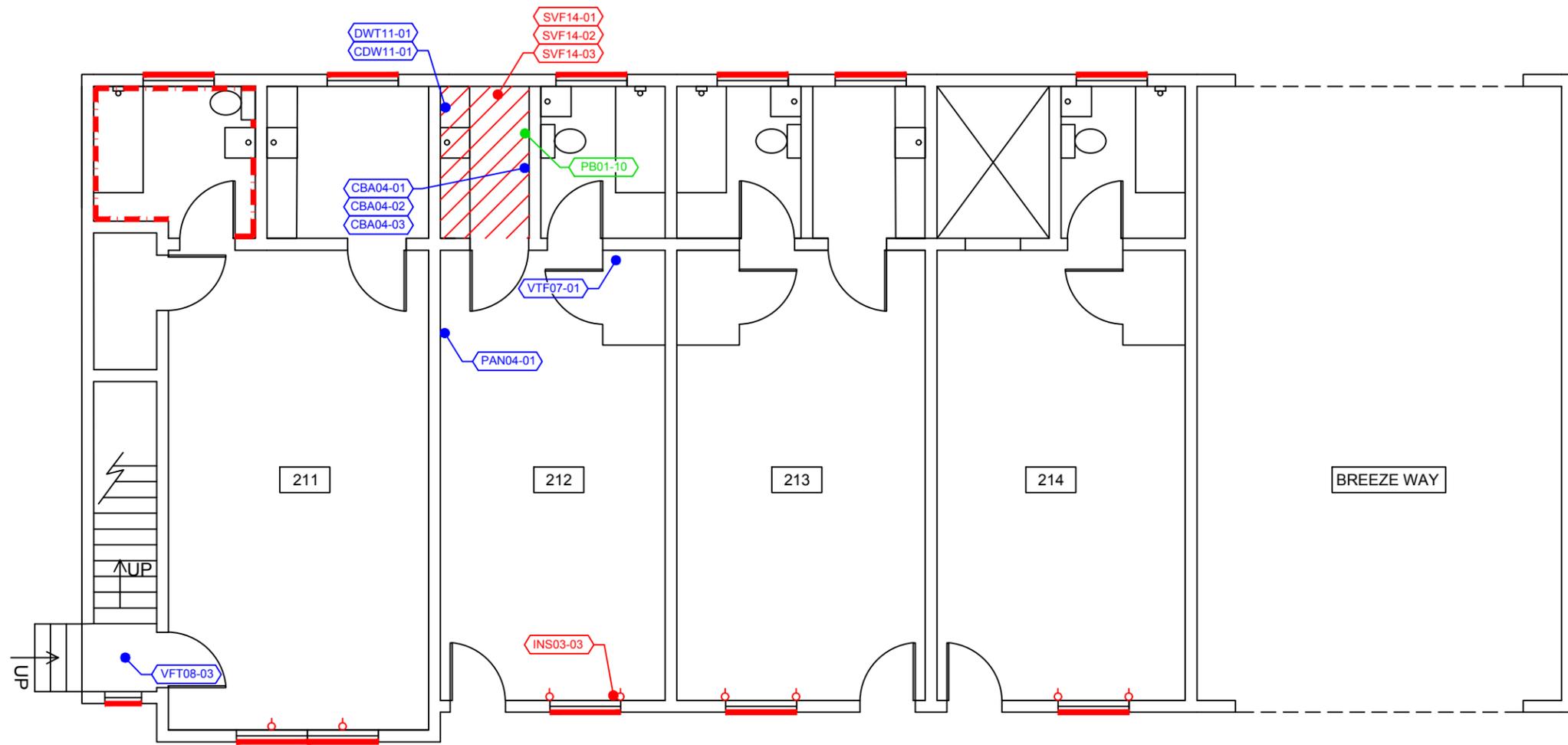
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LEGEND 	ROOM NUMBERS	FIBERGLASS	EXTERIOR WINDOW GLAZING AND CAULKING (DETECT)
	ASBESTOS BULK SAMPLE LOCATIONS (DETECT)	FLOORING (DETECT)	LEAD-BASED PAINT SAMPLE LOCATIONS (DETECT)
ASBESTOS BULK SAMPLE LOCATIONS (NON-DETECT)	TSI	LEAD-BASED PAINT SAMPLE LOCATIONS (NON-DETECT)	 Approximate Scale in Feet

ASBESTOS BULK SAMPLE AND LEAD-BASED PAINT SAMPLE LOCATIONS
 Structure Survey Assessment Report
 AP-66 (Colonial Manor Motel) - Building 2 Basement
 2615 East 46th Avenue
 Denver, Colorado

Site Location: East 46th Ave, Denver, Colorado	Drawn By: GMD	Figure: 8
Pinyon Project Number: 1/12-790-04.8051	Reviewed By: DAF	Date: 02/09/2018



LEGEND

 ROOM NUMBERS	 HEAT AND COOLING UNIT - TSI (DETECT)	 EXTERIOR WINDOW GLAZING AND CAULKING (DETECT)
 ASBESTOS BULK SAMPLE LOCATIONS (DETECT)	 FLOORING (DETECT)	 LEAD-BASED PAINT SAMPLE LOCATIONS (NON-DETECT)
 ASBESTOS BULK SAMPLE LOCATIONS (NON-DETECT)	 BLACK CERAMIC TILE (DETECT)	


 Approximate Scale in Feet

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ASBESTOS BULK SAMPLE AND LEAD-BASED PAINT SAMPLE LOCATIONS

Structure Survey Assessment Report
 AP-66 (Colonial Manor Motel) - Building 2 First Floor
 2615 East 46th Avenue
 Denver, Colorado

Site Location: East 46th Ave, Denver, Colorado

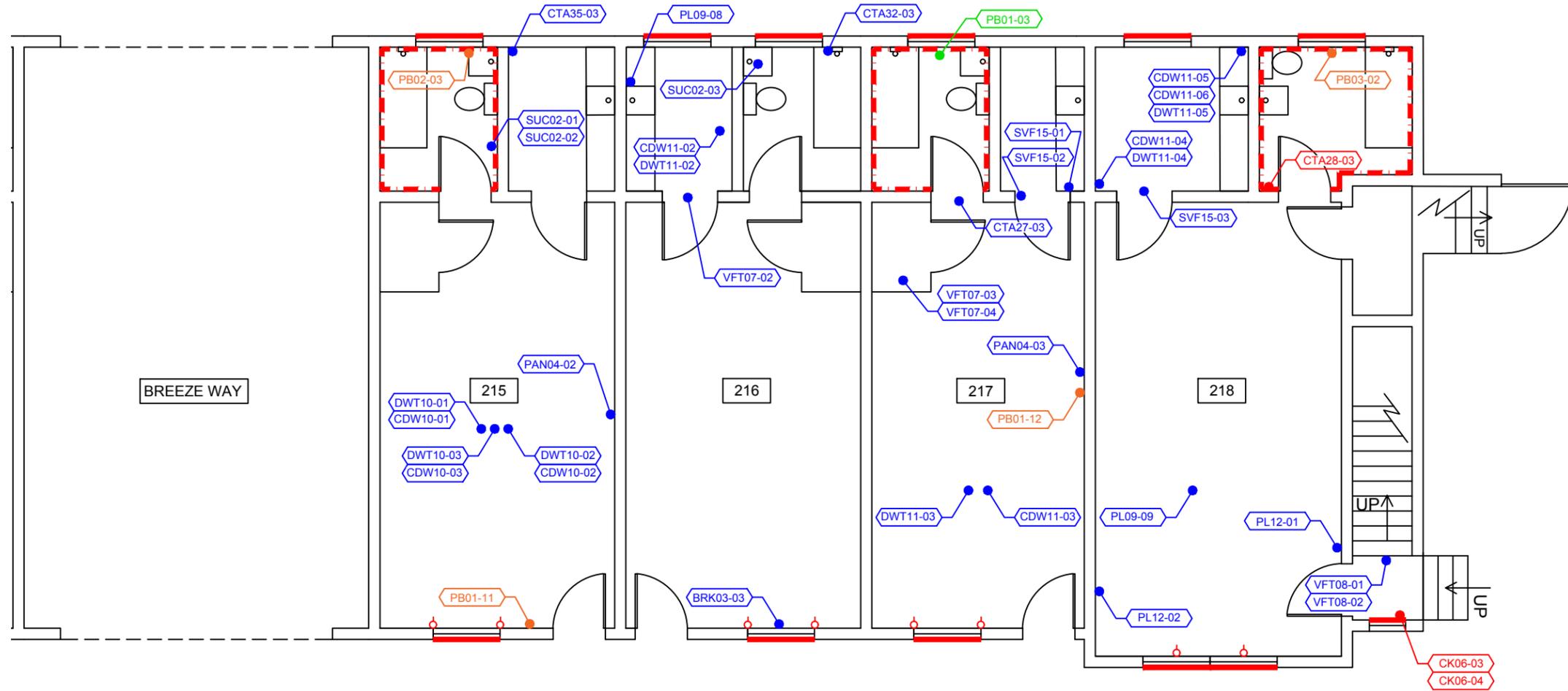
Pinyon Project Number: 1/12-790-04.8051

Drawn By: GMD

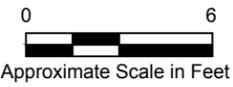
Figure: 9

Reviewed By: DAF

Date: 02/09/2018



LEGEND			
	ROOM NUMBERS		HEAT AND COOLING UNIT - TSI (DETECT)
	ASBESTOS BULK SAMPLE LOCATIONS (DETECT)		FLOORING (DETECT)
	ASBESTOS BULK SAMPLE LOCATIONS (NON-DETECT)		BLACK CERAMIC TILE (DETECT)
			EXTERIOR WINDOW GLAZING AND CAULKING (DETECT)
			LEAD-BASED PAINT SAMPLE LOCATIONS (DETECT)
			LEAD-BASED PAINT SAMPLE LOCATIONS (NON-DETECT)



ASBESTOS BULK SAMPLE AND LEAD-BASED PAINT SAMPLE LOCATIONS

Structure Survey Assessment Report
 AP-66 (Colonial Manor Motel) - Building 2 First Floor
 2615 East 46th Avenue
 Denver, Colorado

Site Location: East 46th Ave, Denver, Colorado

Pinyon Project Number: 1/12-790-04.8051

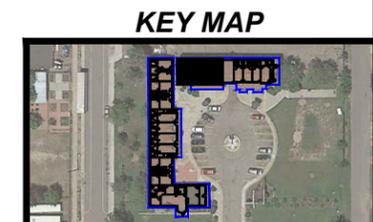
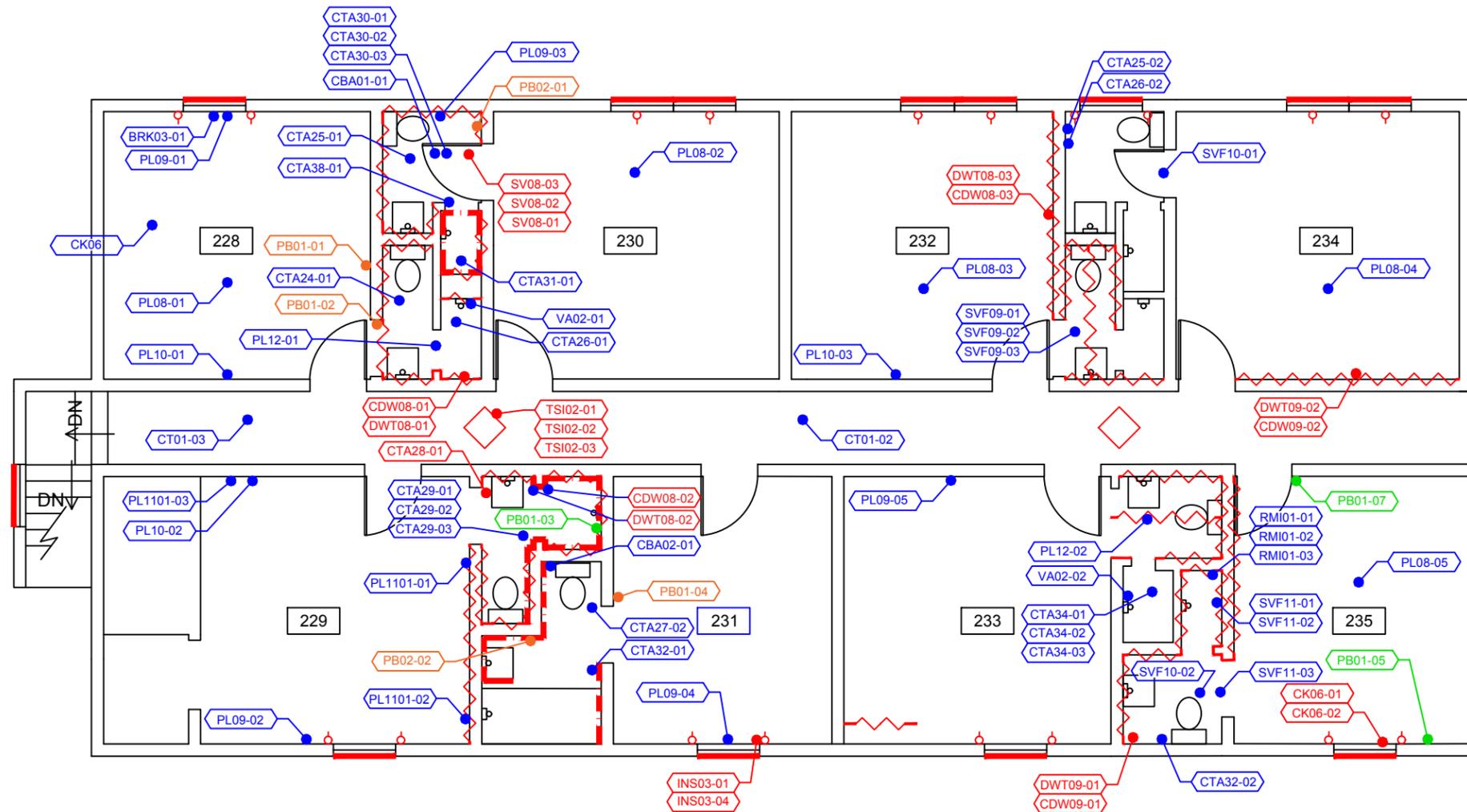
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Reviewed By: DAF

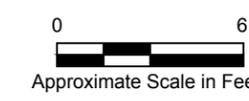
Figure: 10

Date: 02/09/2018

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LEGEND	
	ROOM NUMBERS
	ASBESTOS BULK SAMPLE LOCATIONS (DETECT)
	ASBESTOS BULK SAMPLE LOCATIONS (NON-DETECT)
	HEAT AND COOLING UNIT - TSI (DETECT)
	DRYWALL (DETECT)
	LEAD-BASED PAINT SAMPLE LOCATIONS (DETECT)
	LEAD-BASED PAINT SAMPLE LOCATIONS (NON-DETECT)
	ATTIC AIR VENT - TSI (DETECT)
	EXTERIOR WINDOW GLAZING AND CAULKING (DETECT)
	BLACK CERAMIC TILE (DETECT)



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ASBESTOS BULK SAMPLE AND LEAD-BASED PAINT SAMPLE LOCATIONS

Structure Survey Assessment Report
AP-66 (Colonial Manor Motel) - Building 2 Second Floor
2615 East 46th Avenue
Denver, Colorado

Site Location: East 46th Ave, Denver, Colorado

Pinyon Project Number: 1/12-790-04.8051

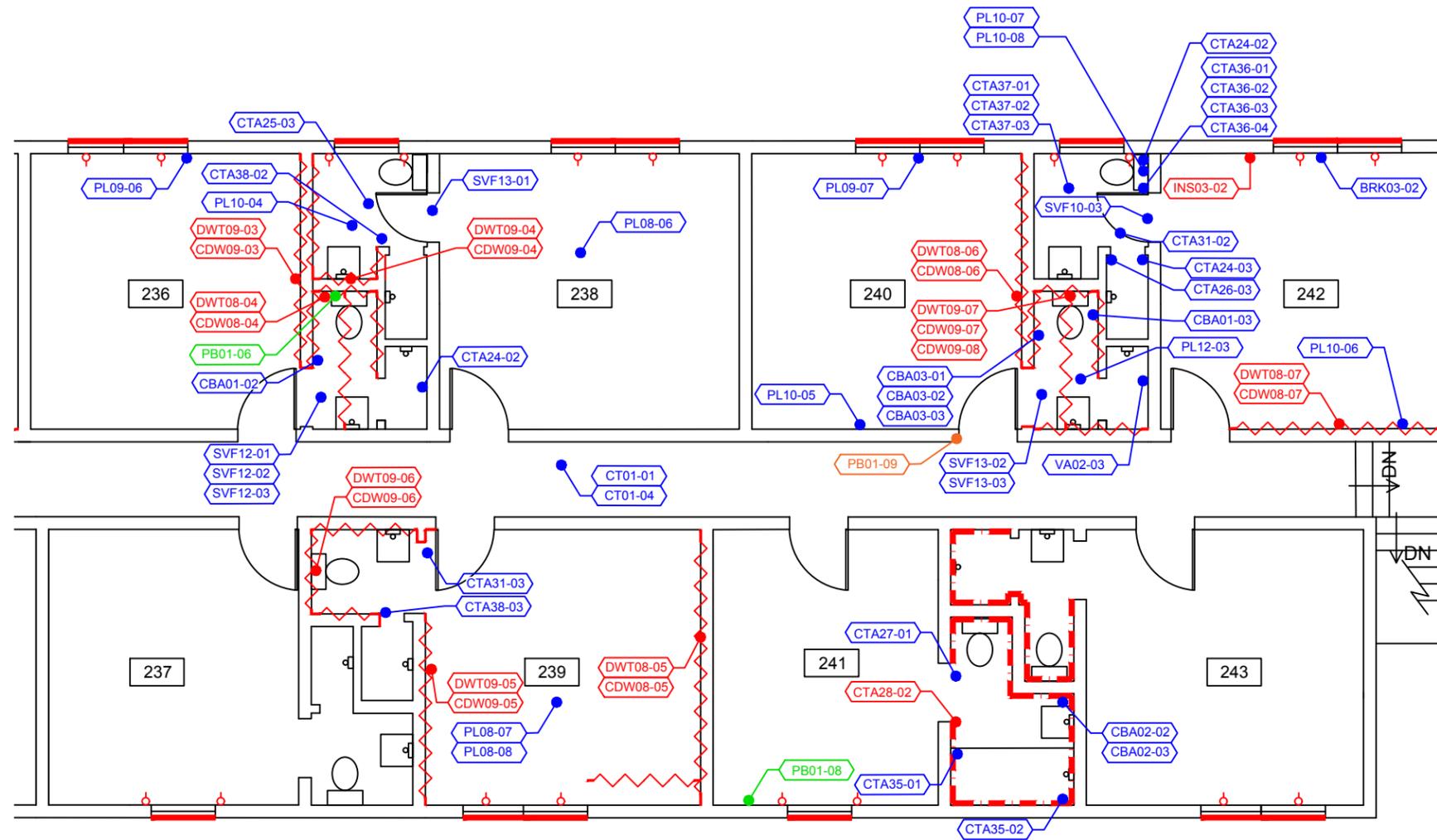
Drawn By: GMD

Figure: 11

Reviewed By: DAF

Date: 02/09/2018

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LEGEND			
	ROOM NUMBERS		HEAT AND COOLING UNIT - TSI (DETECT)
	ASBESTOS BULK SAMPLE LOCATIONS (DETECT)		DRYWALL (DETECT)
	ASBESTOS BULK SAMPLE LOCATIONS (NON-DETECT)		BLACK CERAMIC TILE (DETECT)
			LEAD-BASED PAINT SAMPLE LOCATIONS (DETECT)
			LEAD-BASED PAINT SAMPLE LOCATIONS (NON-DETECT)



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ASBESTOS BULK SAMPLE AND LEAD-BASED PAINT SAMPLE LOCATIONS

Structure Survey Assessment Report
AP-66 (Colonial Manor Motel) - Building 2 Second Floor
2615 East 46th Avenue
Denver, Colorado

Site Location: East 46th Ave, Denver, Colorado

Pinyon Project Number: 1/12-790-04.8051

Drawn By: GMD

Figure: 12

Reviewed By: DAF

Date: 02/09/2018



Image: Courtesy of Google Earth 2018

LEGEND

↑ N ↓	 SITE BOUNDARY
xxxx	ASBESTOS BULK SAMPLE LOCATIONS (NON-DETECT)
xxxx	ASBESTOS BULK SAMPLE LOCATIONS (DETECT)

xxxx LEAD-BASED PAINT SAMPLE LOCATIONS (NON-DETECT)



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ASBESTOS BULK SAMPLE AND LEAD-BASED PAINT SAMPLE LOCATIONS

Structure Survey Assessment Report
AP-66 (Colonial Manor Motel) - Exterior Building
2615 East 46th Avenue
Denver, Colorado

Site Location: East 46th Ave, Denver, Colorado

Pinyon Project Number: 1/12-790-04.8051

Drawn By: GMD

Figure: 13

Reviewed By: DAF

Date: 02/09/2018

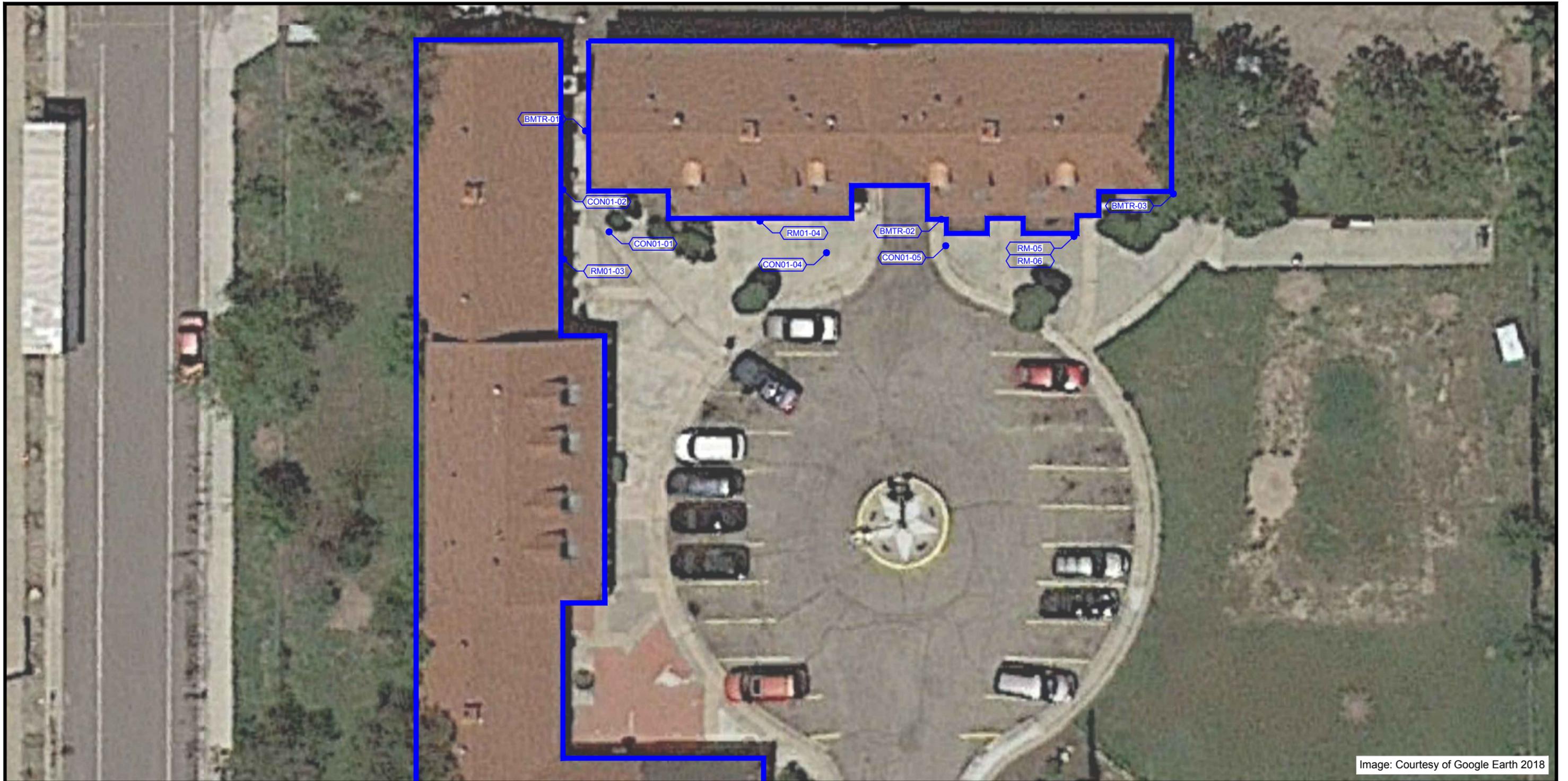
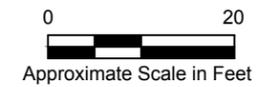


Image: Courtesy of Google Earth 2018

LEGEND


 SITE BOUNDARY
 ASBESTOS BULK SAMPLE LOCATIONS (NON-DETECT)



**ASBESTOS BULK
SAMPLE LOCATIONS**

Structure Survey Assessment Report
 AP-66 (Colonial Manor Motel) - Exterior Building
 2615 East 46th Avenue
 Denver, Colorado

Site Location: East 46th Ave, Denver, Colorado

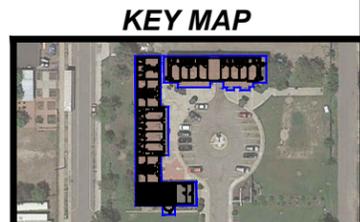
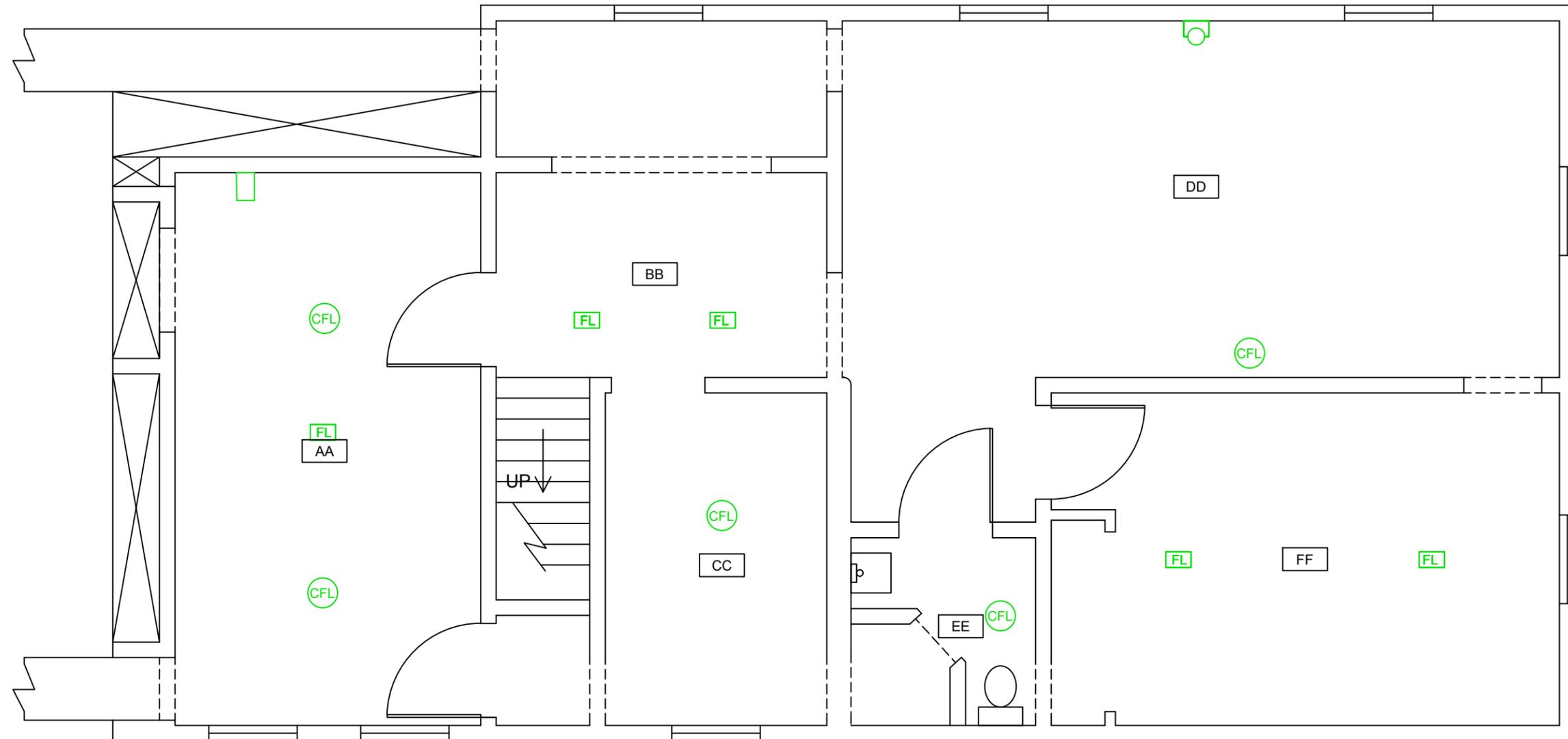
Pinyon Project Number: 1/12-790-04.8051

Drawn By: GMD

Figure: 14

Reviewed By: DAF

Date: 02/09/2018



- LEGEND**
- xxxx ROOM NUMBERS
 - FL FLUORESCENT LIGHTS
 - Emergency Exit / Light Sign
 - E EMERGENCY LIGHT

- H HEATING, VENTILATION, AND AIR CONDITIONING UNIT (HVAC) ON ROOF
- CFL COMPACT FLUORESCENT LIGHTS
- HL HALOGEN FLOODLIGHT

Freon Refrigerator



REGULATED BUILDING MATERIALS

Structure Survey Assessment Report
 AP-66 (Colonial Manor Motel) - Office Basement
 2615 East 46th Avenue
 Denver, Colorado

Site Location: East 46th Ave, Denver, Colorado

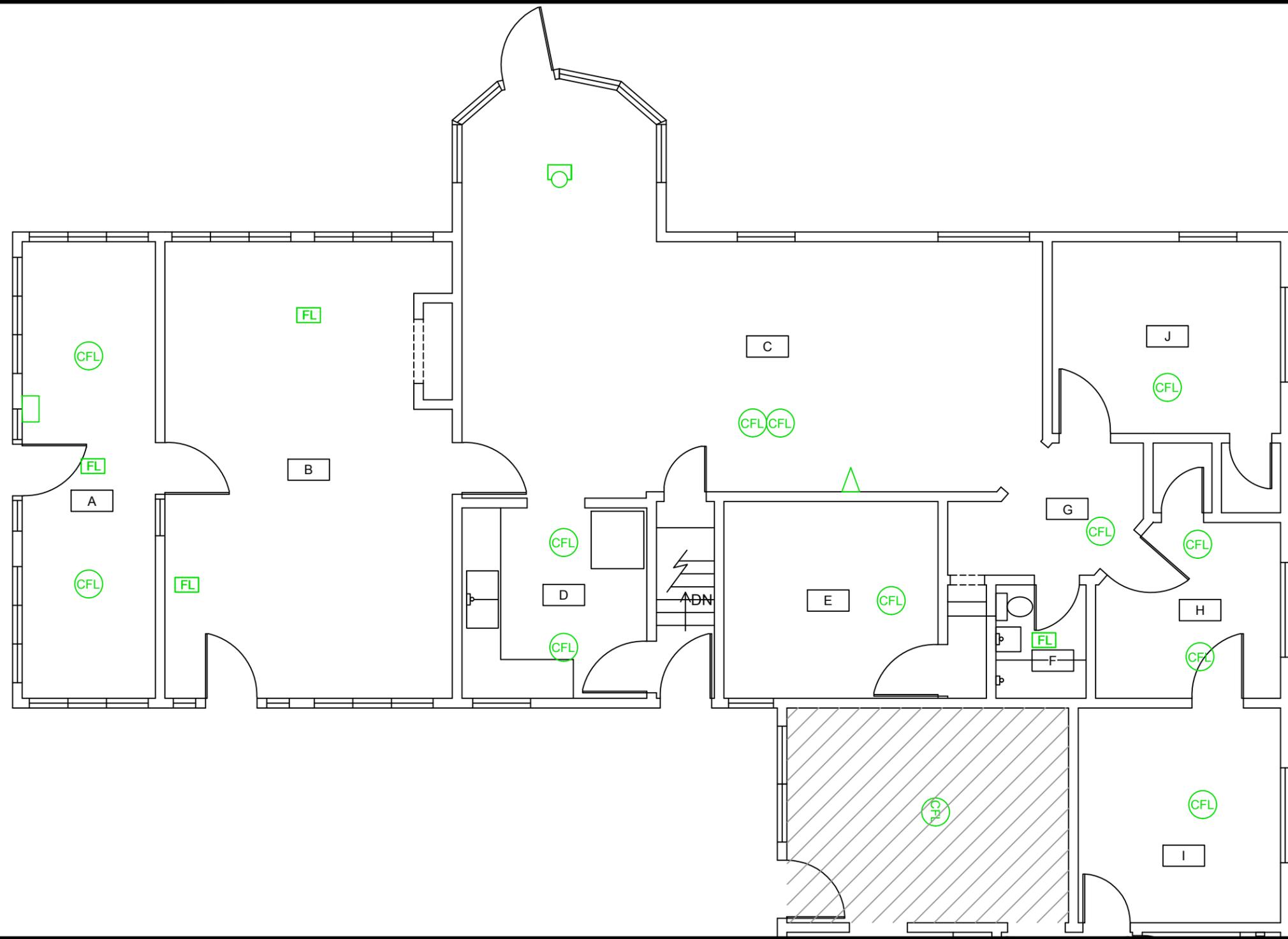
Pinyon Project Number: 1/12-790-04.8051

Drawn By: GMD

Figure: 15

Reviewed By: DAF

Date: 02/09/2018



LEGEND			
	ROOM NUMBERS		HEATING, VENTILATION, AND AIR CONDITIONING UNIT (HVAC) ON ROOF
	FLUORESCENT LIGHTS		COMPACT FLUORESCENT LIGHTS
	EMERGENCY EXIT / LIGHT SIGN		MERCURY THERMOSTAT
	EMERGENCY LIGHT		FREON REFRIGERATOR
	COMPACT FLUORESCENT LIGHTS		HALOGEN FLOODLIGHT



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REGULATED BUILDING MATERIALS

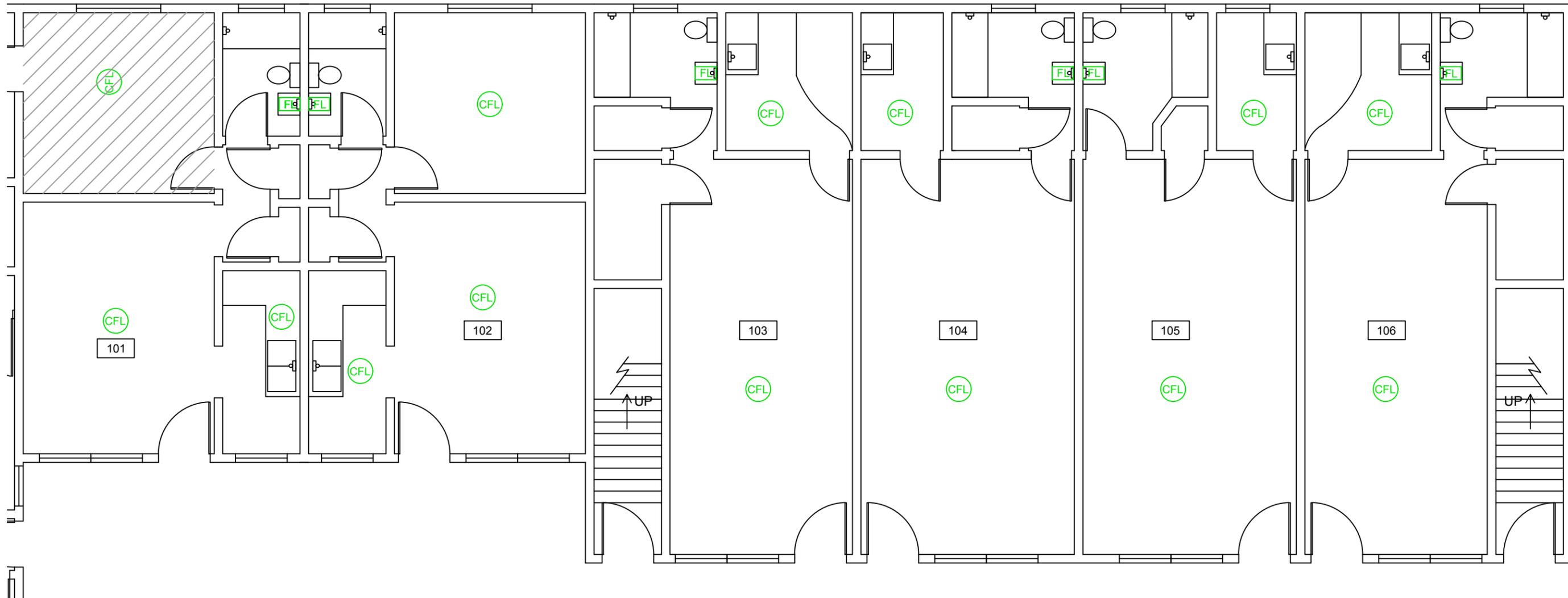
Structure Survey Assessment Report
AP-66 (Colonial Manor Motel) - Office
2615 East 46th Avenue
Denver, Colorado

Site Location: East 46th Ave, Denver, Colorado

Pinyon Project Number: 1/12-790-04.8051

Drawn By: GMD Figure: 16

Reviewed By: DAF Date: 02/09/2018

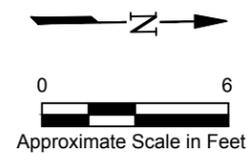


KEY MAP



LEGEND

- | | | | |
|---|-----------------------------|---|--|
| xxxx | ROOM NUMBERS | H | HEATING, VENTILATION, AND AIR CONDITIONING UNIT (HVAC) ON ROOF |
| FL | FLUORESCENT LIGHTS | CFL | COMPACT FLUORESCENT LIGHTS |
| E | EMERGENCY EXIT / LIGHT SIGN | | |
| E | EMERGENCY LIGHT | | |



REGULATED BUILDING MATERIALS

Structure Survey Assessment Report
 AP-66 (Colonial Manor Motel) - Building 1 First Floor
 2615 East 46th Avenue
 Denver, Colorado

Site Location: East 46th Ave, Denver, Colorado

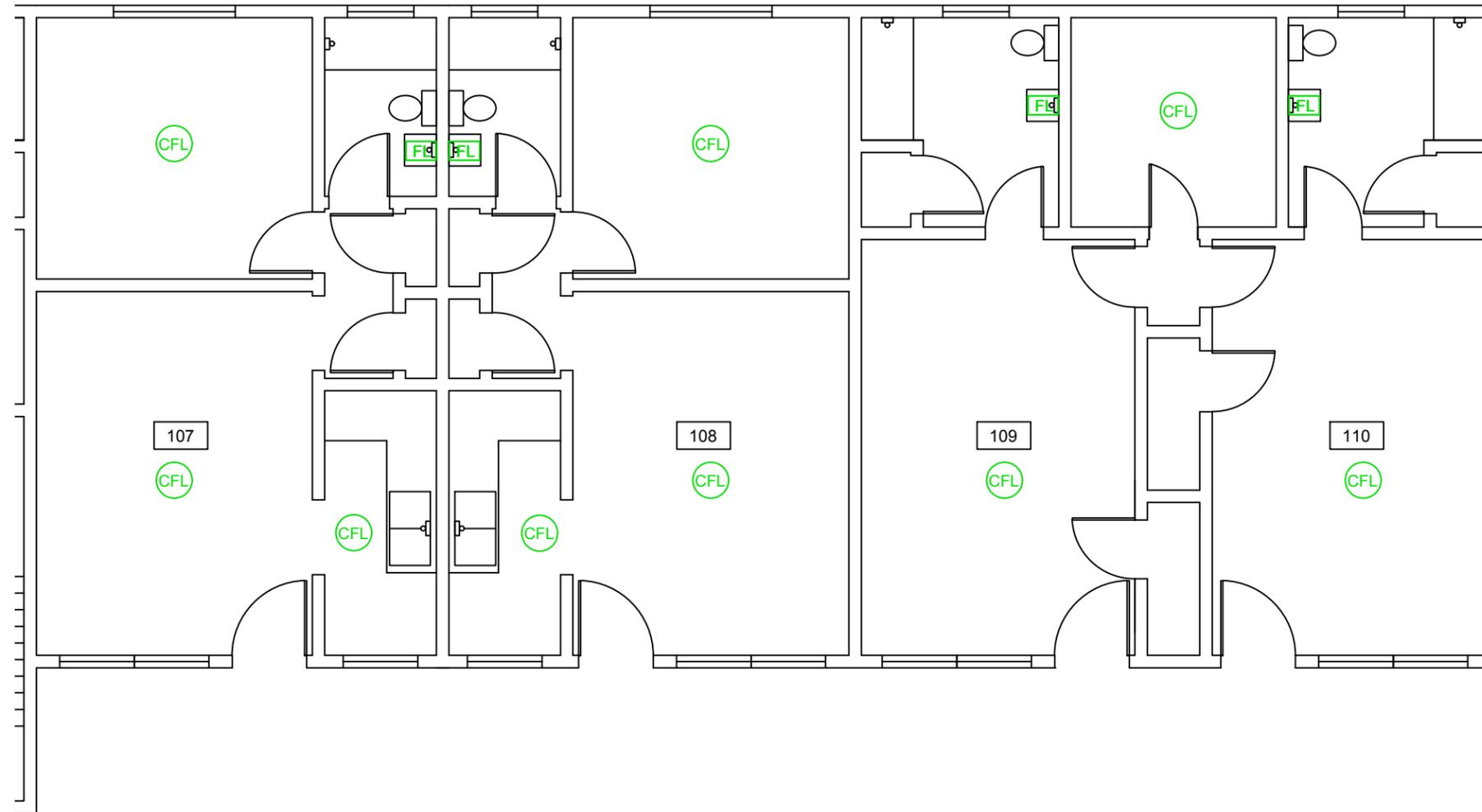
Pinyon Project Number: 1/12-790-04.8051

Drawn By: GMD

Figure: 17

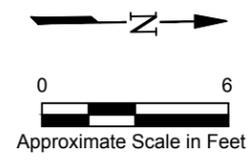
Reviewed By: DAF

Date: 02/09/2018



LEGEND

- xxxx ROOM NUMBERS
- FL FLUORESCENT LIGHTS
- E EMERGENCY LIGHT
- H HEATING, VENTILATION, AND AIR CONDITIONING UNIT (HVAC) ON ROOF
- CFL COMPACT FLUORESCENT LIGHTS



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REGULATED BUILDING MATERIALS

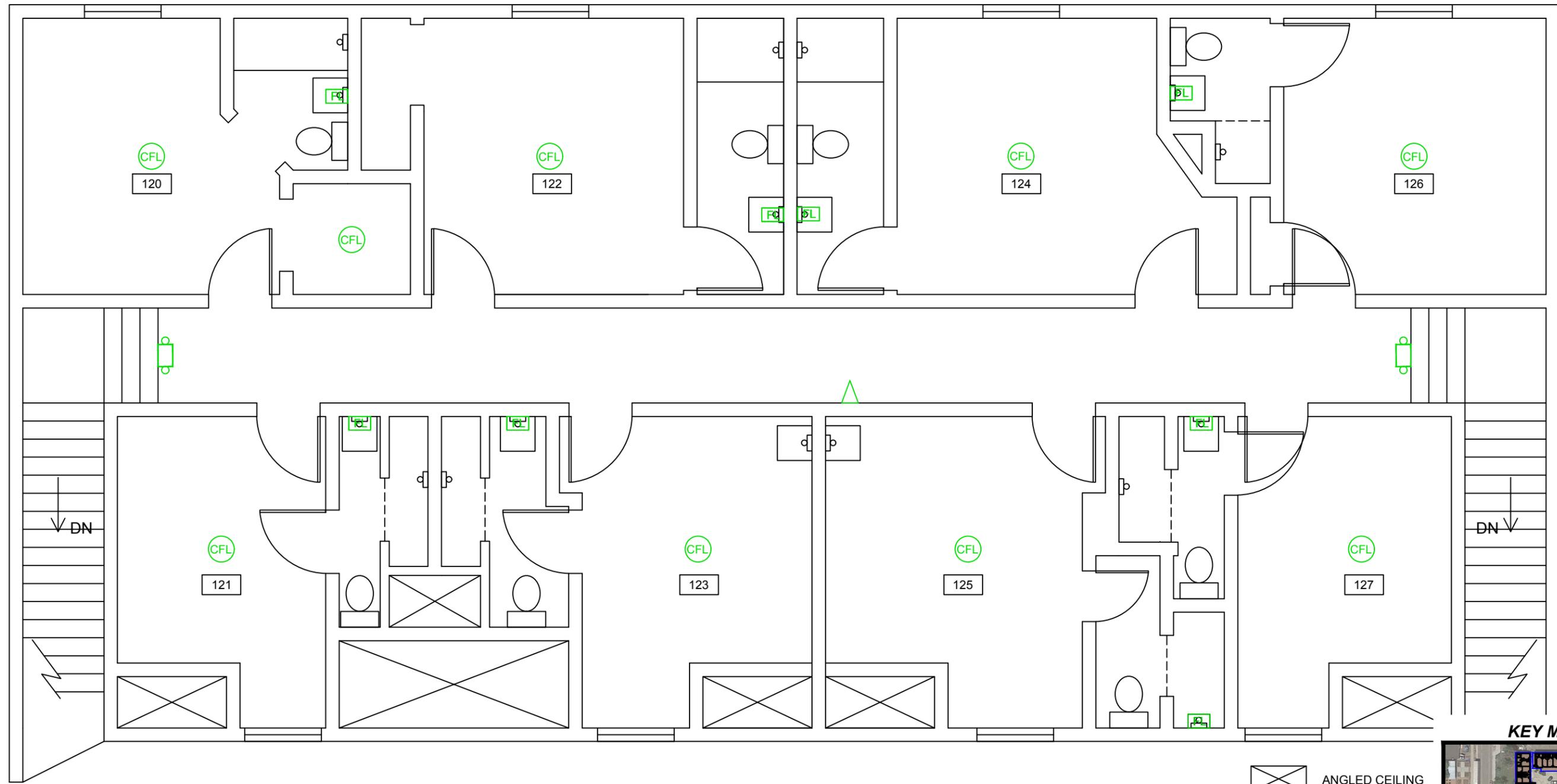
*Structure Survey Assessment Report
AP-66 (Colonial Manor Motel) - Building 1 First Floor
2615 East 46th Avenue
Denver, Colorado*

Site Location: East 46th Ave, Denver, Colorado

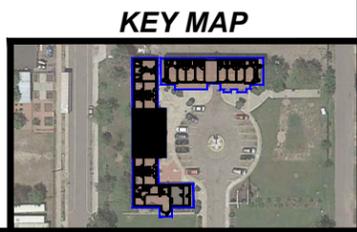
Drawn By: GMD Figure: 18

Pinyon Project Number: 1/12-790-04.8051

Reviewed By: DAF Date: 02/09/2018

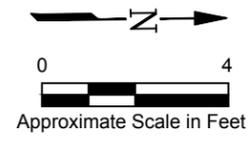


ANGLED CEILING



LEGEND

- xxxx ROOM NUMBERS
- FL FLUORESCENT LIGHTS
- E EMERGENCY LIGHT
- E EMERGENCY EXIT / LIGHT SIGN
- CFL COMPACT FLUORESCENT LIGHTS
- ▲ MERCURY THERMOSTAT



REGULATED BUILDING MATERIALS

Structure Survey Assessment Report
 AP-66 (Colonial Manor Motel) - Building 1 Second Floor
 2615 East 46th Avenue
 Denver, Colorado

Site Location: East 46th Ave, Denver, Colorado

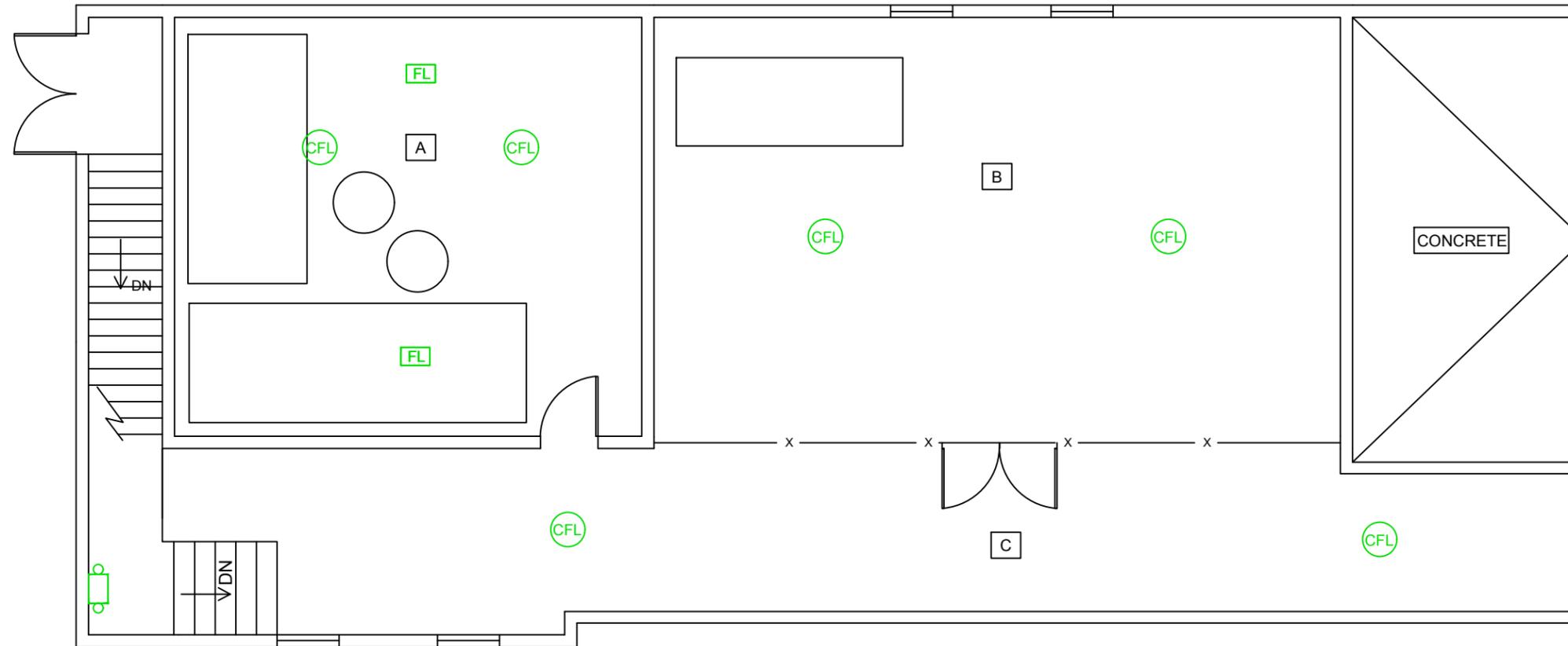
Pinyon Project Number: 1/12-790-04.8051

Drawn By: GMD

Figure: 19

Reviewed By: DAF

Date: 02/09/2018



- LEGEND**
- ROOM NUMBERS
 - FLUORESCENT LIGHTS
 - EMERGENCY EXIT / LIGHT SIGN
 - COMPACT FLUORESCENT LIGHTS



REGULATED BUILDING MATERIALS

Structure Survey Assessment Report
 AP-66 (Colonial Manor Motel) - Building 2 Basement
 2615 East 46th Avenue
 Denver, Colorado

Site Location: East 46th Ave, Denver, Colorado

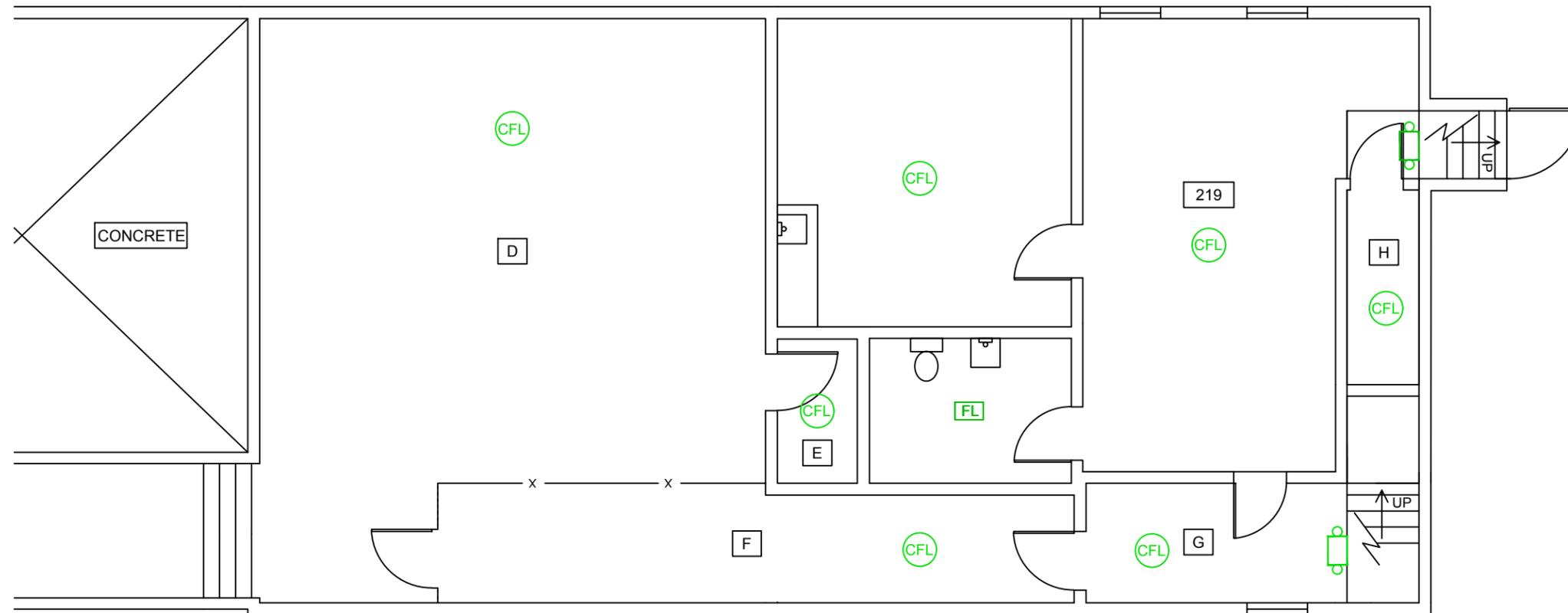
Pinyon Project Number: 1/12-790-04.8051

Drawn By: GMD

Figure: 20

Reviewed By: DAF

Date: 02/09/2018



KEY MAP



- LEGEND**
- N**
 - ROOM NUMBERS
 - FLUORESCENT LIGHTS
 - EMERGENCY EXIT / LIGHT SIGN
 - EMERGENCY LIGHT

- COMPACT FLUORESCENT LIGHTS
- MERCURY THERMOSTAT



REGULATED BUILDING MATERIALS

Structure Survey Assessment Report
 AP-66 (Colonial Manor Motel) - Building 2 Basement
 2615 East 46th Avenue
 Denver, Colorado

Site Location: East 46th Ave, Denver, Colorado

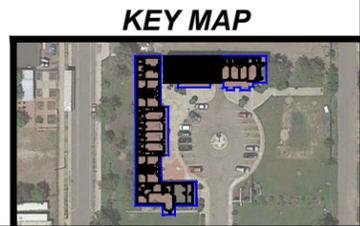
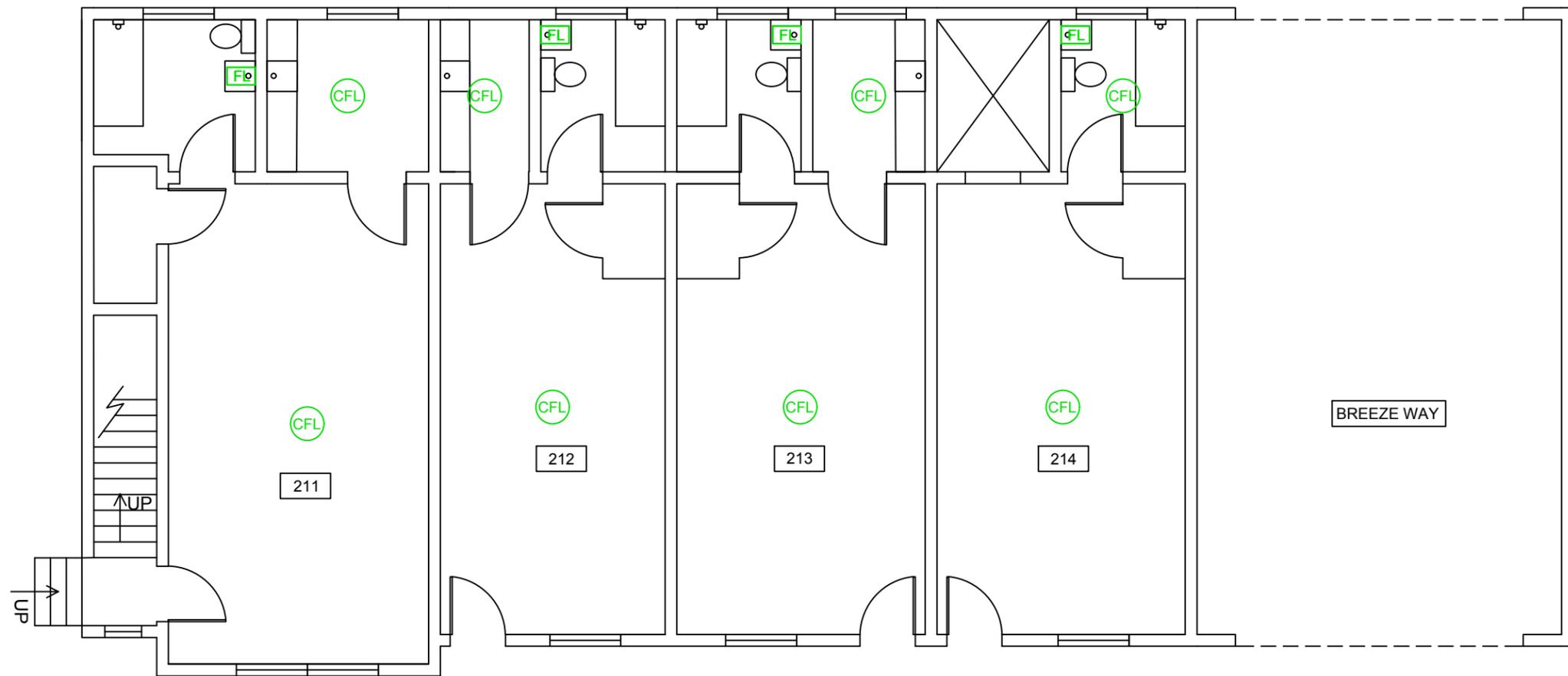
Pinyon Project Number: 1/12-790-04.8051

Drawn By: GMD

Reviewed By: DAF

Figure: 21

Date: 02/09/2018



- LEGEND**
- ↑ N
 - xxxx ROOM NUMBERS
 - FL FLUORESCENT LIGHTS
 - EMERGENCY EXIT / LIGHT SIGN
 - E EMERGENCY LIGHT

- CFL COMPACT FLUORESCENT LIGHTS
- ▲ MERCURY THERMOSTAT



REGULATED BUILDING MATERIALS

Structure Survey Assessment Report
 AP-66 (Colonial Manor Motel) - Building 2 First Floor
 2615 East 46th Avenue
 Denver, Colorado

Site Location: East 46th Ave, Denver, Colorado

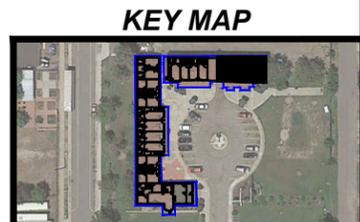
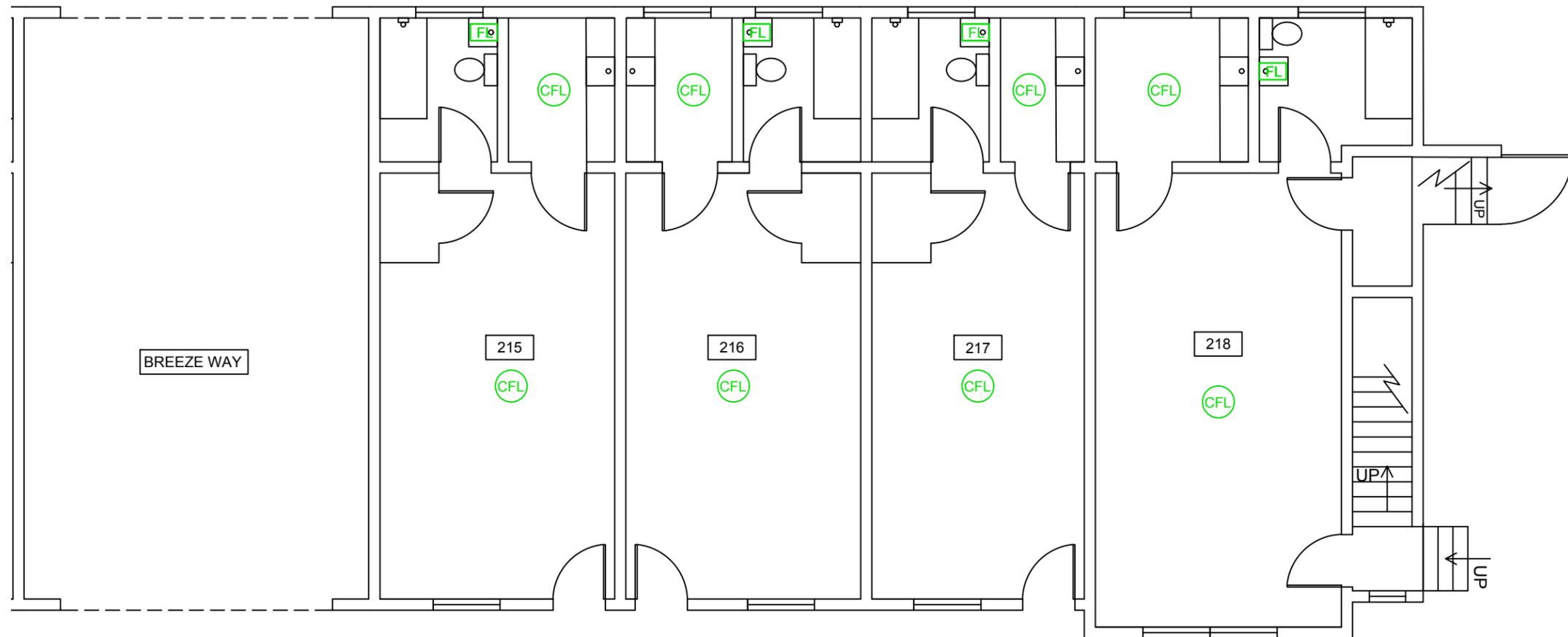
Pinyon Project Number: 1/12-790-04.8051

Drawn By: GMD

Reviewed By: DAF

Figure: 22

Date: 02/09/2018



- LEGEND**
- N
 - ROOM NUMBERS
 - FLUORESCENT LIGHTS
 - EMERGENCY EXIT / LIGHT SIGN
 - EMERGENCY LIGHT

- COMPACT FLUORESCENT LIGHTS
- MERCURY THERMOSTAT



REGULATED BUILDING MATERIALS

Structure Survey Assessment Report
 AP-66 (Colonial Manor Motel) - Building 2 First Floor
 2615 East 46th Avenue
 Denver, Colorado

Site Location: East 46th Ave, Denver, Colorado

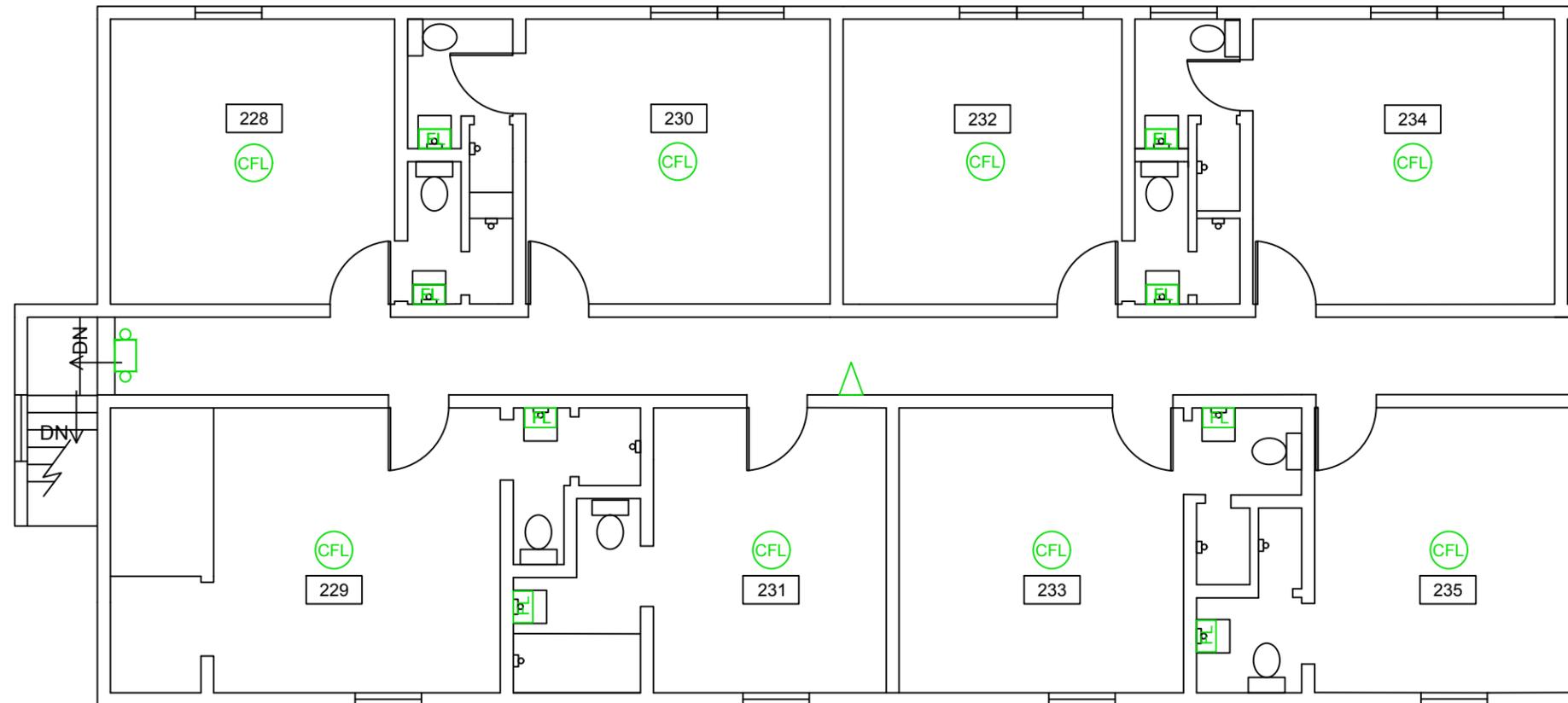
Pinyon Project Number: 1/12-790-04.8051

Drawn By: GMD

Reviewed By: DAF

Figure: 23

Date: 02/09/2018



- LEGEND**
- ↑ N
 - xxxx ROOM NUMBERS
 - FL FLUORESCENT LIGHTS
 - Emergency Exit / Light Sign
 - E EMERGENCY LIGHT

- CFL COMPACT FLUORESCENT LIGHTS
- Mercury Thermostat



REGULATED BUILDING MATERIALS

Structure Survey Assessment Report
 AP-66 (Colonial Manor Motel) - Building 2 Second Floor
 2615 East 46th Avenue
 Denver, Colorado

Site Location: East 46th Ave, Denver, Colorado

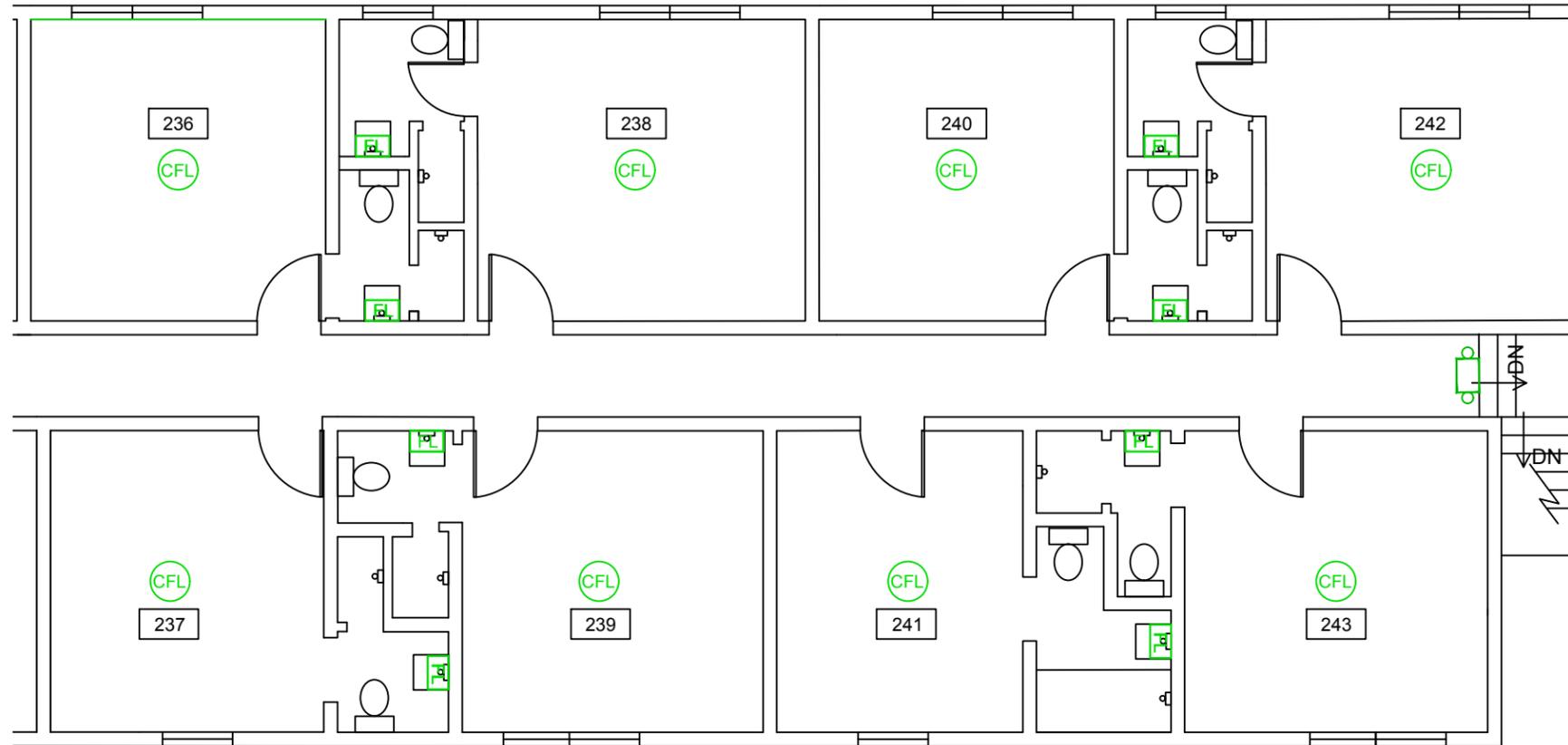
Pinyon Project Number: 1/12-790-04.8051

Drawn By: GMD

Figure: 24

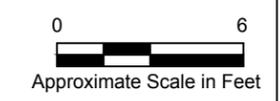
Reviewed By: DAF

Date: 02/09/2018



- LEGEND**
- ↑ N
 - xxxx ROOM NUMBERS
 - FL FLUORESCENT LIGHTS
 - EMERGENCY EXIT / LIGHT SIGN
 - E EMERGENCY LIGHT

- H HEATING, VENTILATION, AND AIR CONDITIONING UNIT (HVAC) ON ROOF
- CFL COMPACT FLUORESCENT LIGHTS
- ▲ MERCURY THERMOSTAT



REGULATED BUILDING MATERIALS
 Structure Survey Assessment Report
 AP-66 (Colonial Manor Motel) - Building 2 Second Floor
 2615 East 46th Avenue
 Denver, Colorado

Site Location: East 46th Ave, Denver, Colorado

Pinyon Project Number: 1/12-790-04.8051

Drawn By: GMD

Figure: 25

Reviewed By: DAF

Date: 02/09/2018

Table 3-1 Positive Asbestos Containing Samples, AP-66, Colonial Manor Motel

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification	Estimated Quantity (Sq. ft.)
Samples Collected on December 20, 2017								
FL01-01	Roof, NW corner between black roof and shingle roof	7% Chrysotile	PLM	Good	Flashing, black tar	Roof, around chimney and seams between metal flashing and siding	Category I – Non-Friable	50
FL01-02	Roof, north side of chimney	ND	PLM					
FL01-03	Roof, south side of chimney	10% Chrysotile	PLM					
FL02-01	Roof, above building between black and red roofs (NW corner)	7% Chrysotile	PLM	Good	Flashing, black tar with silver/pink	Roof, seam at metal flashing and siding, throughout buildings	Category I – Non-Friable	50
FL02-02	Roof, above building between black and red roofs (NW corner)	7% Chrysotile	PLM					
FL02-03	Roof, above building between black and red roofs (NW corner)	7% Chrysotile	PLM					
Samples Collected on January 18, 2018								
CK01-01	Exterior window of 105	25% Chrysotile	PLM	Poor	Gray Caulk	All exterior windows (4x4) windows	RACM	1000 Linear Feet
CK01-02	Exterior window of 103	25% Chrysotile	PLM					
CK01-03	Exterior window of 101	25% Chrysotile	PLM					
CK01-04 ¹	Duplicate for CK01-03	25% Chrysotile	PLM					
GL01-01	Exterior window of 125	3% Chrysotile	PLM	Poor	Light gray glazing		RACM	1000 Linear Feet

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification	Estimated Quantity (Sq. ft.)
GL01-02	Exterior window of 121	2% Chrysotile	PLM			All exterior windows (4x4) windows		
GL01-03	West exterior window of 126	3% Chrysotile	PLM					
GL01-04 ¹	Duplicate of GL01-03	ND	PLM					
INS01-01	East heating pipe 101	4% Chrysotile	PLM	Poor	Black resinous tar with brown cork on base of heater units piping	Rm101; RM102; RM103; RM105; 106;107; 108; 109;110; 104: 120; 121; 125; 123 (assumed, stuff in way) 122; 126	RACM	<20 linear feet
INS01-02	East edge heating pipe 110	3% Chrysotile	PLM					
INS01-03	Heater piping 122	Chrysotile 3%	PLM					
TSI01-01	Room 121 beneath floor; pipe insulation of pipe connecting to air unit	Chrysotile 70%	PLM	Good	Gray fibrous material	Between first and second floors of B1 under floor wood plank in all rooms in B2.	RACM	50 linear feet
TSI01-02	Room 121 beneath floor; pipe insulation of pipe connecting to air unit	Chrysotile 70%	PLM					
TSI01-03	Room 121 beneath floor; pipe insulation of pipe connecting to air unit	Chrysotile 70%	PLM					

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification	Estimated Quantity (Sq. ft.)
Samples Collected on January 19, 2018								
SVF02-01	Room 103, kitchen north wall	ND	PLM	Poor	Brown adhesive; brown sheet vinyl with black fibrous backing material	Room 103 kitchen and room 104 kitchen	RACM	200
SVF02-02	Room 103, closet center	Chrysotile 18%	PLM					
SVF02-03	Room 103, south	Chrysotile 18%	PLM					
SVF02-04	Duplicate of SVF02-03	Chrysotile 18%	PLM					
DWT02-01	Room 120, bath – north wall	Chrysotile 8%	PLM	Good	Off-white compound, white multi-layered paint with white compound, off-white multi-colored paint with white compound, white multi-colored paint, and white/brown drywall	Room 120 north wall of bathroom and bedroom; room 121 east wall; room 123 south wall only; room 122 south wall; room 122 bath east wall; room 124 bathroom east wall; room 124 north; 125 bathroom neswc; room 126 se; room 126 bath csne; room 127 south; room 127 bath nse	RACM	3,200
DWT02-02	Room 121, east wall	Tremolite/Actinolite <1%	PLM					
DWT02-04	Room 124, east wall bathroom	Chrysotile 4%	PLM					
DWT02-03	Room 122, south wall	Chrysotile 4%	PLM					

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification	Estimated Quantity (Sq. ft.)
DWT02-05	Room 124, bedroom north wall	Chrysotile 4% Tremolite/Actinolite <1%	PLM					
DWT02-06	Room 125, bathroom south wall	ND	PLM					
DWT02-07	Room 127, south wall	Chrysotile 4%	PLM					
CDW02-01	Associated with DWT02-01 sample	Chrysotile 4% Tremolite/Actinolite <1%	PLM	Good	White multi-colored paint, off-white compound, off-white joint compound, white tape, white plaster, white/brown drywall, and tan granular plaster.	Room 120 north wall of bathroom and bedroom; room 123 south wall only; room 122 south wall; room 122 bath east wall; room 124 bathroom east wall; room 124 north; 125 bathroom neswc; room 126 se; room 126 bath nesc; room 127 south; room 127 bath nes	RACM	3,200
CDW02-02	Associated with DWT02-02 sample	Chrysotile 8%	PLM					
CDW02-04	Associated with DWT02-04 sample	Chrysotile 8%	PLM					
CDW02-03	Associated with DWT02-03 sample	ND	PLM					
CDW02-05	Associated with DWT02-05 sample	Chrysotile 10%	PLM					

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification	Estimated Quantity (Sq. ft.)
CDW02-06	Associated with DWT02-06 sample	Chrysotile 4%	PLM		Tan/white paint, off-white compound, tan/white paint with off-white compound, white multi-colored paint with white coating, and white/brown drywall			
CDW02-07	Associated with DWT02-07 sample	Chrysotile 4% Tremolite/Actinolite <1%	PLM					
CDW02-08	Duplicate of CDW02-07	Chrysotile 4% And trace amounts of Tremolite/Actinolite	PLM					
VFT02-01	Room 110, bathroom closet	Chrysotile 8%	PLM	Poor	Off-white paint and brown floor tile with off white paint	Room 110, bedroom closet	RACM	75
VFT02-02	Room 110, bathroom closet	Chrysotile 6%	PLM					
VFT02-03	Room 110, bathroom closet	Chrysotile 8%	PLM					
Samples collected January 22, 2018								
DWT08-01	Room 228, bathroom south wall	ND	PLM	Good	Off-white/tan drywall with light gray multi-colored paint	Rooms: 228 bathroom eswc; 229 bath n,e,w walls; 230 bath west wall (not chase); 232 east wall; 232 bath neswc; n walls; 233 bath ewc walls; 233 east angled wall; 236 bath w and n wall and ceiling; 238 bath w wall near sink but not chase area (north	RACM	1,400
DWT08-02	Room 229, bathroom north wall	ND	PLM		Off-white/tan drywall with light gray multi-colored paint			
DWT08-03	Room 232, east wall	ND	PLM		Off-white/tan drywall with light gray multi-colored paint			
DWT08-04	Room 236, bathroom west wall	ND	PLM		Off-white/tan drywall with light gray multi-colored paint			

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification	Estimated Quantity (Sq. ft.)
DWT08-05	Room 239, bathroom west wall	ND	PLM		White fibrous woven material, light gray multi-colored paint, and off-white/tan drywall	side of west wall); 239 bath w wall and s wall and n wall; 240 e wall; 240 bath ceiling and e,n walls; 242 south wall		
DWT08-06	Room 240, east wall	ND	PLM		Off-white/tan drywall with light gray multi-colored paint			
DWT08-07	Room 242, south wall	ND	PLM		Off-white/tan drywall with light gray multi-colored paint			
CDW08-01	Associated with sample DWT08-01	ND	PLM	Good	Off-white/tan drywall with light gray multi-colored paint	Associated with sample DWT08-01	RACM	1,400
CDW08-02	Associated with sample DWT08-02	ND	PLM		White fibrous woven material, light gray multi-colored paint, and off-white/tan drywall	Associated with sample DWT08-02		
CDW08-03	Associated with sample DWT08-03	Chrysotile 6%	PLM		White texture with off-white paint, off-white multi-colored paint, white compound, white joint compound, and white tape	Associated with sample DWT08-03		

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification	Estimated Quantity (Sq. ft.)
CDW08-04	Associated with sample DWT08-04	Chrysotile 4%	PLM		White texture with off-white paint, off-white multi-colored paint, white compound, white joint compound, white tape, and off-white/tan drywall	Associated with sample DWT08-04		
CDW08-05	Associated with sample DWT08-5	ND	PLM		Off-white/tan drywall with light gray multi-colored paint	Associated with sample DWT08-05		
CDW08-06	Associated with sample DWT08-06	Chrysotile 2%	PLM		Light gray multi-colored paint, white tape, white joint compound, and off-white/tan drywall	Associated with sample DWT08-06		
CDW08-07	Associated with sample DWT08-07	ND	PLM		Off-white/tan drywall with light gray multi-colored paint	Associated with sample DWT08-07		
TSI02-01	Attic B2, air vents	Chrysotile 85%	PLM	Good	White duct tape insulation on pipes	B1 and B2 attic air ducts on second story	RACM	50 Linear Feet
TSI02-02	Attic B2, air vents	Chrysotile 85%	PLM					
TSI02-03	Attic B2, air vents	Chrysotile 85%	PLM					
Samples collected January 23, 2018								

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification	Estimated Quantity (Sq. ft.)
SVF14-01	Room 212	Chrysotile 25%	PLM	Fair	Gray fibrous material with blue/multi-colored paint, yellow/multi-colored sheet vinyl with off white fibrous backing material	Room 212 Kitchen	RACM	110
SVF14-02	Room 212	Chrysotile 25%	PLM		Brown adhesive and yellow/multi-colored sheet vinyl with off white fibrous backing material			
SVF14-03	Room 212	Chrysotile 25%	PLM		Brown adhesive and yellow/multi-colored sheet vinyl with off white fibrous backing material			
CBA03-01*	Room 240, bath	Sheet vinyl: Chrysotile 8% and cove base with adhesive: ND	PLM	Good	Tan Cove Base Adhesive with Green sheet vinyl	240 bath	RACM	<50
CBA03-02*	Room 240, bath	Sheet vinyl: Chrysotile 17% and cove base with adhesive: ND	PLM					
CBA03-03*	Room 240, bath	Sheet vinyl: Chrysotile 8% and cove base with adhesive: ND	PLM					
CK06-01	Room 235, window exterior	Chrysotile 25%	PLM	Poor	White caulk, white caulk, and white caulk with pink paint	Room 235, windows at bottom of staircases (south)	RACM	<50 Linear Feet

Sample Name	Sample Location	Lab Results/Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification	Estimated Quantity (Sq. ft.)
CK06-02	Room 235, window exterior	ND	PLM		White foam, white caulk with pink paint, white caulk	wall) and another window in inaccessible rooms		
CK06-03	East stairwell interior window	ND	PLM		White caulk with white paint			
CK06-04	Duplicate of CK06-03	ND	PLM		White caulk with white paint			
INS03-01	Room 231, heater pipe	Chrysotile <1%	PLM	Fair	Brown cork with black resinous tar and white paint	Room 231 heater; room 235; room 240; room 242; room 212; room 215; room 216; room 217; room 218	RACM	<50 Linear Feet
INS03-02	Room 242, heater pipe	Chrysotile <1%	PLM		Black foam with yellow paint and brown cark with black resinous tar			
INS03-03	Room 212, heater pipe	ND	PLM		Black foam with brown adhesive			
INS03-04	Duplicate of INS03-01	Chrysotile <1%	PLM		Brown cork with black resinous tar and tan paint			
DWT09-01	Room 235, west bathroom wall	ND	PLM	Good	Tan fiberboard with white paint and white/brown drywall with white/multi-colored paint	Rooms 229 bathroom s wall; 233 bathroom - n wall; 234 bath- s and w walls; 235- w wall; 235	RACM	700

Sample Name	Sample Location	Lab Results/Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification	Estimated Quantity (Sq. ft.)
DWT09-02	Room 234, south bathroom wall	ND	PLM		Tan fiberboard with white paint and white/brown drywall with white paint	bath – e and w walls; 236- east wall; 236 bath- e and s walls; 238- w wall by entrance only (not northwest corner near bathroom); 238 bath- s wall; 239- west wall; 239 bath- west wall near shower only (not entire west wall); 240 bath- n and w walls		
DWT09-03	Room 236, east wall	Chrysotile 3%	PLM		White/multi-colored paint, white compound, brown fiberboard, white/brown drywall			
DWT09-04	Room 238, south bathroom wall	ND	PLM		Brown fiberboard and white/brown drywall with white/multi-colored paint			
DWT09-05	Room 239, west wall	ND	PLM		White/brown drywall with white/multi-colored paint and brown fiberboard			
DWT09-06	Room 239, west bathroom wall	ND	PLM		Tan fiberboard with white paint and white/brown drywall with white/multi-colored paint			
DWT09-07	Room 240, north bathroom wall	ND	PLM		White/brown drywall with white/multi-colored paint			
CDW09-01	Associated with sample DWT09-01	ND	PLM		Good			

Sample Name	Sample Location	Lab Results/Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification	Estimated Quantity (Sq. ft.)
CDW09-02	Associated with sample DWT09-02	ND	PLM		Tan fiberboard with white paint and white/brown drywall with white paint	bath – e and w walls; 236- east wall; 236 bath- e and s walls; 238- w wall by entrance only (not northwest corner near bathroom); 238 bath- s wall; 239- west wall; 239 bath- west wall near shower only (not entire west wall); 240 bath- n and w walls		
CDW09-03	Associated with sample DWT09-03	Chrysotile 3%	PLM		White/multi-colored paint, white compound, white/brown drywall			
CDW09-04	Associated with sample DWT09-04	ND	PLM		Brown fiberboard and white/brown drywall with white/multi-colored paint			
CDW09-05	Associated with sample DWT09-05	ND	PLM		White/brown drywall with white/multi-colored paint and brown fiberboard			
CDW09-06	Associated with sample DWT09-06	ND	PLM		Tan fiberboard with white paint and white/brown drywall with white/multi-colored paint			
CDW09-07	Associated with sample DWT09-07	ND	PLM		White/brown drywall with white/multi-colored paint			
CDW09-08	Duplicate of sample CDW09-07	ND	PLM		White/brown drywall with white/multi-colored paint			
Samples collected January 24, 2018								

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification	Estimated Quantity (Sq. ft.)
GL02-01	B2 basement west window	Chrysotile 2%	PLM	Fair	Tan/brown glazing	Exterior windows on first floor in wells of B2	RACM	<75 linear feet
GL02-02	B2 basement – west window	Chrysotile 2%	PLM		Tan/brown glazing			
GL02-03	B2 basement – east window	Chrysotile 2%	PLM		Tan/brown glazing			
GL02-04	Duplicate of GL02-03	Chrysotile 2%	PLM		Tan/brown glazing			
TSI03-01	Room A Building 2 basement – from water heater pipe	Chrysotile 80%	PLM	Poor	Gray fibrous material, “Air Cell”	Room A, Chase, and 219 of basement in B2	RACM	8,000
TSI03-02	Room A building 2, basement – from furnace pipe	Chrysotile 80%	PLM		Gray fibrous material, “Air Cell”	Room A, Chase, and 219 of basement in B2		
TSI03-03	Room 219, Pipe on north side of wall	Chrysotile 80%	PLM		Gray fibrous material, “Air Cell”	Room A, Chase, and 219 of basement in B2		
CTA28-01	Room 229, bath	Chrysotile 7%	PLM	Good	3x6 black ceramic tile with gray mastic	Rooms: 229 bath; 231 bath; 241 bath; 243; 212 bath; 215 bath; 216 bath; 217 bath; 218 bath; 219 bath	RACM	1,000
CTA28-02	Room 241, bath	ND	PLM					
CTA28-03	Room 218, bath	ND	PLM					
VFT10-01	Room B	ND	PLM	Fair	Brown tile with black mastic	Office - Room B	RACM	360
VFT10-02	Room B	ND	PLM					
VFT10-03	Room B	Chrysotile 8%	PLM					
CK04-01	Room C	Chrysotile 5%	PLM	Poor	Interior gray window caulking	Room C	RACM	<50 Linear Feet
CK04-02	Room C	Chrysotile 8% Chrysotile 4%	PLM		Interior gray window caulking (lab reports 2 layers)			

Sample Name	Sample Location	Lab Results/Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification	Estimated Quantity (Sq. ft.)
CK04-03	Room C	Chrysotile 5%	PLM	Poor	Interior gray window caulking	Room C	RACM	<50 Linear Feet
CBA05-01	Room AA – north	Chrysotile 10%	PLM	Fair	4 inch black cove base	Room AA	RACM	60 Linear Feet
CBA05-02	Room AA – west	Chrysotile 10%	PLM					
CBA05-03	Room AA - east	Chrysotile 12%	PLM					
SVF08-01 ¹	Room 230, bathroom	ND	PLM	Fair	Tan adhesive, gray/multi-colored sheet vinyl with off white fibrous backing material	Rooms 230 bath; 231 bath; 232 bath; 234 bath; 235 bath; 236 bath; 238 bath; 239 bath; 242 bath	RACM	1,000
SVF08-02 ¹	Room 230, bathroom	ND	PLM		Tan adhesive, white compound with tan paint, gray/multi-colored sheet vinyl with off white fibrous backing material			
SVF08-03 ¹	Room 230, bathroom	ND	PLM		Tan adhesive, gray/multi-colored sheet vinyl with off white fibrous backing material			
SVF08-04	Room 219	Chrysotile 7%	PLM		Marble green sheet vinyl with black tar			

Notes:

* CBA03 – These cove base samples do not contain asbestos; however, they were inadvertently submitted along with green sheet vinyl samples, SVF-08, which are asbestos containing.

¹ These samples were collected on a different day than the date listed, but were moved to be with the same homogeneous material

newsc – north, east, west, south, ceiling

PLM – Phase Light Microscopy

ND – Non-Detect

RACM – Regulated Asbestos Containing Material

Table 3-1A Non- Asbestos Containing Samples – Colonial Manor Motel, AP-66

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification
Samples Collected on December 20, 2018							
RM01-01	Roof, SE border of red and black roof	ND	PLM	Good	Roof Material, red/brown asphaltic shingle, black felt, black tar	Roof, throughout north, west and south buildings	N/A
RM01-02	Roof, SW Bottom of roof	ND	PLM				
RM01-03	Roof, West bottom of roof	ND	PLM				
RM01-04	Roof, North building, East Front	ND	PLM				
RM01-05	Roof, North Building, west Front	ND	PLM				
RM01-06	Duplicate for 05	ND	PLM				
RM02-01	Roof, NW corner	ND	PLM	Good	Black rolled roofing	Roof above the office east and small portion on the south	N/A
RM02-02	Roof, west near chimney	ND	PLM				
RM02-03	Roof, SW lower roof on south side	ND	PLM				

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification
RC01-01	Wet wall, between black roof and red/brown shingled roof	ND	PLM	Good	White roof caulk painted pink or orange/brown	Throughout exterior buildings where siding meets wood trim	N/A
RC01-02	Same as above	ND	PLM				
RC01-03	Same as above	ND	PLM				
CON01-01	West building, between west and north buildings	ND	PLM	Good	Cobble concrete	Front exterior around buildings	N/A
CON01-02	End of first building, N- end	ND	PLM				
CON01-03	In front of office entrance	ND	PLM				
CON01-04	Circle drive, west side of drive through	ND	PLM				
CON01-05	Circle drive, east side of drive through	ND	PLM				

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification
CON03-01	25 feet in front of office entry	ND	PLM	Good	Gray concrete	Around circle drive, outer exterior	N/A
CON03-02	25 feet northwest of office entry door	ND	PLM				
CON03-03	15 feet in front of office entry door	ND	PLM				
BMTR-01	North building, west side	ND	PLM	Good	Brick mortar – red/brown with white-gray mortar	Exterior of buildings	N/A
BMTR-02	East side of carport, south wall	ND	PLM				
BMTR-03	North building, SE corner	ND	PLM				
BMTR-04	South side wall of office	ND	PLM				
BMTR-05	South building, SW corner	ND	PLM				
Samples Collected on January 18, 2018							
CA01-01	Room 102	ND	PLM	Good	Carpet adhesive; black mastic with tan adhesive	Building 1, Room 102	N/A
CA01-02	Room 102	ND	PLM				
CA01-03	Room 102	ND	PLM				

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification
CON02-01	West side of circle drive curb	ND	PLM	Good	Gray granular cementitious material with black material	Exterior drive	N/A
CON02-02	South side of circle drive curb	ND	PLM		Gray granular cementitious		
CON02-03	East side of circle drive curb	ND	PLM		Gray granular cementitious material with tan/multi-layered paint		
CTA01-01	Room 101, bath	ND	PLM	Good	Black and white mosaic, ceramic tile	RM101 bath; RM102 bath; RM103 bath; rm122 bath; rm124 bathroom; office room F	N/A
CTA01-02	Room 102, bath	ND	PLM				
CTA01-03 ¹	Room 122, bathroom entrance	ND	PLM				
CTA02-01	Room 101, Bath SW corner	ND	PLM	Good	4"x 4" tan ceramic tile beige	Room 101 bath; room 102 bath; room 103 bath; 101; room 106 bath; room 125 bath; room 108 bath; room 126 bath	N/A
CTA02-02	Room 102, bath	ND	PLM				
CTA02-03	Room 126, west wall	ND	PLM				
CTA04-01	Room 105	ND	PLM	Good	Black and white hexagon mosaic tile	Room 105; 106; 107; 107 2nd bed, 108; 109; 110 bath	N/A
CTA04-02	Room 106, kitchen south edge	ND	PLM				
CTA04-03	Room 110, bath center	ND	PLM				

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification
CTA05-01	Room 106 east wall of bathroom	ND	PLM	Good	4" x 4" light yellow ceramic tile	Rm 106 bath; 107 bath, rm 110 bath; rm 122 bath; 124 bath	N/A
CTA05-02 ¹	Room 110	ND	PLM		Tan material, white grout, and beige and white ceramic tile		
CTA05-03 ¹	Room 122 east wall of bathroom	ND	PLM		Gray granular cementitious material and yellow and white ceramic tile		
CTA06-01	Room 108, bath south edge	ND	PLM	Good	4 x 4 in pink ceramic tile with tan grout	Rm 108 bath; 104 bath; 125 bath; 127 bath; office room F	N/A
CTA06-02	Room 125, bath north wall	ND	PLM				
CTA06-03 ¹	Room 127, south wall of bathroom	ND	PLM				
CTA06-04 ¹	Room 125, north bathroom wall	ND	PLM				
CTA16-01	Room 123, bath edge	ND	PLM	Good	Light pink 2 x 4 in ceramic tile	Room 123 edge of bathroom to bedroom	N/A
CTA16-02	Room 123, bath edge	ND	PLM				
CTA16-03	Room 123, bath edge	ND	PLM				

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification
CTA17-01	Room 123, bathroom flooring	ND	PLM	Good	Gray ceramic mosaic tile	Room 123, bathroom flooring	N/A
CTA17-02	Room 123, bathroom flooring	ND	PLM				
CTA17-03	Room 123, bathroom flooring	ND	PLM				
DWT01-01 ¹	Room 103, north kitchen wall	ND	PLM	Good	Off-white paint with a trace of white compound and off- white green/tan drywall	Room 103 and 105 kitchen north wall, room 104 south wall and room 106 south wall	N/A
DWT01-02 ¹	Room 103, north kitchen wall	ND	PLM				
DWT01-03	Room 106, south wall	ND	PLM				
INS02-01	Attic in Building 1, 2 nd story	ND	PLM	Good	Gray loose insulation approximately 6 in in depth	Attic of Building 1	N/A
INS02-02	Room 122, center ceiling	ND	PLM				
INS02-03	Room 124, ceiling	ND	PLM				
PL01-01	Room 101, south wall	ND	PLM	Good	Off-white/multi- colored paint, off- white granular plaster, and white plaster	Room 101-neswc; room101 kitchen-neswc; room 103-neswc; room107 nesw bedroom; room108 bedroom nesw; room108 kitchen-neswc; room108-bath neswc; room108 hall-neswc	N/A
PL01-02 ¹	Room 103 east wall	ND	PLM				
PL01-03	Room 108 bath south wall	ND	PLM				

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification
PL02-01	Room 101 ceiling	ND	PLM	Good	White acoustical ceiling	Room 101; 107; 108; 109; 110; 120; 121; 123; 125; 126; 127 ceiling	N/A
PL02-02	Room 108 ceiling	ND	PLM				
PL02-03	Room 107 ceiling	ND	PLM				
PL02-04	Room 120 ceiling	ND	PLM				
PL02-05	Room 121 ceiling	ND	PLM				
PL02-06	Room 126 ceiling	ND	PLM				
PL02-07	Room 123 ceiling	ND	PLM				
PL03-01	Room 102	ND	PLM	Good	Flat white plaster	Rm 102-c; Rm 103-neswc; RM104-neswc; Rm 105-neswc; Rm 106-neswc; Rm 107 kitchen; Rm 107 hall and ceiling; 107 2nd bedroom-nesc; Rm 107 bathroom neswc; Rm 108 bedroom-nesw; Rm108 bathroom- neswc; Rm 109-nesw; Rm 109 bath-neswc; Rm 109 closet-neswc; Rm110-neswc; Rm120-s,w walls; Rm121-nesw; Rm123- new; Rm123-bathroom ceiling and nesw walls; Rm122-n,w walls; Rm124- w; Rm124 bath-w wall; Rm125- e,n; R126-wn; 126bath-wc; 127-ne; 127bath-wc; all 4 walls and ceiling of building I stairwells; office room B- west/south/north; Room I (office)- s,w walls & ceiling	N/A
PL03-03	Room 106 east wall of bedroom	ND	PLM				
PL03-04	Room 105 east wall	ND	PLM				
PL03-05	Room 110 north wall	ND	PLM				
PL03-08	Room 126 north wall	ND	PLM				
PL03-02 ¹	Room 103 ceiling	ND	PLM				
PL03-06 ¹	Room 124 west wall	ND	PLM				
PL03-07 ¹	Room 125 east wall	ND	PLM				
PL03-09 ¹	North stairwell of B1 north wall	ND	PLM				
PL03-10 ¹	North stairwell of building I north wall	ND	PLM				

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification
SVF01-01 ¹	Room 103 closet, north wall	ND	PLM	Good	Brown adhesive and brown sheet vinyl with black fibrous backing material	RM103- closet under the stairs; RM109 closet	N/A
SVF01-03	Room 109 closet	ND	PLM				
SVF03-01 ¹	Room 106 kitchen - center	ND	PLM	Poor	Tan/brown flooring with black felt and red resinous material	Room 106	N/A
SVF03-02	Room 106 kitchen - west edge	ND	PLM				
SVF03-03	Room 106 kitchen - east edge	ND	PLM				
Samples Collected on January 19, 2018							
CDW01-01	Room 103 north kitchen wall	ND	PLM	Good	White paint and pink/green drywall	Rm 103 and 105 kitchen-n wall; rm104 s wall; rm106-s wall	N/A
CDW01-02	Room 103 north kitchen wall	ND	PLM				
CDW01-03 ¹	Room 103 north wall	ND	PLM				
CDW01-04 ¹	Room 103 kitchen north wall	ND	PLM				

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification
CTA03-01	Room 103 east wall of bathroom	ND	PLM	Good	Gray granular material and black and white ceramic tile	Bathrooms: 102, 103, 104, 105, 106, 107, 108, 109, 110, 122, 124 and office room F	N/A
CTA03-03	Room 122 east wall	ND	PLM				
CTA03-04 ¹	Room 110 south bathroom wall	ND	PLM				
CTA08-01	Room 120 bath	ND	PLM	Good	4" x 4" white ceramic tile	Rooms: 120 shower walls and room, 126 bathroom	N/A
CTA08-02	Room 126 bath	ND	PLM				
CTA08-03	Room 126 bath	ND	PLM				
CTA09-01	Room 120 bath	ND	PLM	Good	Gray cementitious material with gray granular cementitious material and blue ceramic tile	Room 120, bathroom edge entrance	N/A
CTA09-02	Room 120 bath	ND	PLM				
CTA09-03	Room 120 bath	ND	PLM				
CTA10-01	Room 120 bath	ND	PLM	Good	Gray cementitious material with gray granular cementitious material and blue ceramic tile	Room 120, bathroom floor	N/A
CTA10-02	Room 120 bath	ND	PLM				
CTA10-03	Room 120 bath	ND	PLM				
CTA11-01	Room 120 bath	ND	PLM	Good	Gray cementitious material and pink ceramic tile	Room 120, bathroom entrance edge	N/A
CTA11-02	Room 120 bath	ND	PLM				
CTA11-03	Room 120 bath	ND	PLM				

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification
CTA12-01	Room 121 bathroom edge	ND	PLM	Good	Gray cementitious material with gray granular cementitious material and pink ceramic tile	Rooms 121 bathroom edge entrance; 125 bathroom edge	N/A
CTA12-02	Room 125 bathroom	ND	PLM				
CTA12-03	Room 125 bathroom	ND	PLM				
CTA14-01	Room 121 east shower wall	ND	PLM	Good	Tan ceramic tile and gray granular cementitious material	Room 121 shower	N/A
CTA14-02	Room 121 east shower wall	ND	PLM				
CTA14-03	Room 121 west shower wall	ND	PLM				
CTA15-01	Room 121 east edge	ND	PLM	Good	Gray granular cementitious material and pink ceramic tile	Edge of room 121 bathroom; 126 shower	N/A
CTA15-02	126 bath	ND	PLM				
CTA15-03	126 bath	ND	PLM				
CTA18-01	Room 126 bathroom floor	ND	PLM	Good	Gray cementitious material with gray granular cementitious material and pink ceramic tile	Room 126 bathroom floor	N/A
CTA18-02	Room 126 bathroom floor	ND	PLM				
CTA18-03	Room 126 bathroom floor	ND	PLM				

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification
CTA19-01	Room 126 bathroom edge	ND	PLM	Good	Gray cementitious material and pink ceramic tile	Room 126 bathroom	N/A
CTA19-02	Room 126 bathroom edge	ND	PLM				
CTA19-03	Room 126 bathroom edge	ND	PLM				
CTA20-01	Room 126 bathroom	ND	PLM	Good	Brown mastic and grayish purple ceramic tile with white paint	Room 126 bathroom	N/A
CTA20-02	Room 126 bathroom	ND	PLM				
CTA20-03	Room 126 bathroom	ND	PLM				
CTA21-01	Room 125 bathroom	ND	PLM	Good	Gray grout and tan ceramic tile	Room 125 bathroom; Room 127 bathroom	N/A
CTA21-02	Room 125 bathroom	ND	PLM				
CTA21-03	Room 127 bathroom	ND	PLM				
CTA22-01	Room 126 bathroom	ND	PLM	Good	Gray cementitious material with gray granular cementitious material and grayish purple ceramic tile with white paint	Room 126 bathroom	N/A
CTA22-02	Room 126 bathroom	ND	PLM				
CTA22-03	Room 126 bathroom	ND	PLM				
CT02-01	Hall north wall	ND	PLM	Good	Brown mastic and white/tan ceiling tile	Building I upstairs hall	N/A
CT02-02	Hall center wall	ND	PLM				
CT02-03	Hall south wall	ND	PLM				

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification
DWT04-01	Room 125 angled ceiling	ND	PLM	Good	White plaster, tan granular plaster, and white/brown drywall	Room 125 angled ceiling	N/A
DWT04-02	Room 125 angled ceiling	ND	PLM				
DWT04-03	Room 125 angled ceiling	ND	PLM				
PL05-01	Room 120 east wall	ND	PLM	Good	Brown paper, light gray multi-colored paint, white plaster, and granny granular plaster	Rooms 120 east wall only; 122 east wall and ceiling; 124 es; 124 bathroom- s, n; 124 ceiling; 125 w, s; 127 w	N/A
PL05-02	Room 122 east wall	ND	PLM				
PL05-03	Room 124 south wall	ND	PLM				
PL05-04	Room 124 bathroom north wall	ND	PLM				
PL05-05 ¹	Room 124 ceiling	ND	PLM				
PL05-06	Room 125 west wall	ND	PLM				
PL05-07	Room 127 west wall	ND	PLM				
PL04-01	Room 107 west wall 2 nd bedroom	ND	PLM	Poor	White fibrous woven material, tan granular plaster, off-white compound with white/tan paint, and white plaster	Room 107 2nd bedroom; west wall only	N/A
PL04-02	Room 107 west wall 2 nd bedroom	ND	PLM		Tan granular plaster and white plaster with tan paint		
PL04-03	Room 107 west wall 2 nd bedroom	ND	PLM		Tan granular plaster and white plaster with tan paint		

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification
PL06-01	Room 106 ceiling south wall by front door	ND	PLM	Good	White off-white foamy texture and white/tan granular plaster with white multi-colored paint	Room 106 and office in rooms E and H	N/A
PL06-02 ¹	Room H office	ND	PLM		Off white/white foamy texture		
PL06-03 ¹	Room DD	ND	PLM		Off white/beige paint with tan plaster and off white granular plaster		
SUC01-01	Room 120	ND	PLM	Good	Tan sink undercoating	Rooms 124; 121; 122; 120	N/A
SUC01-02	Room 122	ND	PLM		Tan sink undercoating		
SUC01-03	Room 124	ND	PLM		White/tan sink undercoating		
VFT01-01	Room 110 closet	ND	PLM	Good	Brown adhesive and yellow sheet vinyl with black fibrous backing material	Room 110 closet	N/A
VFT01-02	Room 110 closet	ND	PLM				
CTA03-02 ⁷	Room 110 closet	ND	PLM		Tan/green sheet vinyl with black fibrous backing	110 closet	
VFT03-01	Bottom of south stairs Building I	ND	PLM	Good	Tan adhesive with gray floor tile	Bottom of both stairs in Building I	N/A
VFT03-02	Bottom of south stairs Building I	ND	PLM				
VFT03-03	Bottom of north stairs Building I	ND	PLM				

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification
VA01-01	Room 121 bath	ND	PLM	Fair	Off-white adhesive behind shower sheet	Shower of rooms 121, 125, and 126	N/A
VA01-02	Room 125 bath	ND	PLM				
VA01-03	Room 126 bath	ND	PLM				
WBA01-01	Room 108 kitchen south wall	ND	PLM	Good	Brown adhesive, brown fibrous material, black felt with white paint, and off-white adhesive	Room 108 kitchen	N/A
WBA01-02	Room 108 kitchen wall	ND	PLM	Good	Off-white adhesive, black felt with white paint, and brown/white fibrous material		
WBA01-03	Room 108 north kitchen wall	ND	PLM	Good	Black felt with white paint, off-white adhesive, and brown multi-colored fibrous material		
Samples Collected on January 22, 2018							
PL08-01	Room 228	ND	PLM	Poor	White acoustical ceiling	Room 228; 229; 230; 231; 232; 233; 234; 235; 236; 238; 239; 240; 241; 242	N/A
PL08-02	Room 230	ND	PLM				
PL08-03	Room 232	ND	PLM				
PL08-04	Room 234	ND	PLM				
PL08-05	Room 235	ND	PLM				
PL08-06	Room 238	ND	PLM				
PL08-07	Room 239	ND	PLM				
PL08-08	Duplicate of PL08-07	ND	PLM				

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification
PL09-01	Room 228 north wall	ND	PLM	Good	White flat plasterboard with tan skim	228-n,w; 229 s and west wall; 229 bath - sec; 230- n wall; 230 bath-n wall around chase; 230- n wall; 231- s wall; 231 bath- s wall; 232-s wall; 233- s wall; 234- n wall; 234- n wall; 235- s wall; 235 bath- s wall except angled ceiling; 236- n wall; 238- n wall; 238 bath- n & e wall and chase; 240- n wall; 241- s wall; 241 bath- n; 242bath- n and s wall; 212- west, north, east, south wall and ceiling; 212 kitchen- east wall and ceiling; 212 bath- east, north, west, south and ceiling; 215- nesw; 215 bath- neswc; 216- w, e, n, s, c; 216 kitchen- nesw; 216 bath- neswc; 217- neswc; 217 kitchen- nws; 217bath- neswc; 218- nsc; 218 kitchen- nesc; 218 bath- nesw; B2- east stairway wall (nesc); upstairs hall- ns; west stairway- west, east and south wall; basement- west stairwell; room G basement B2- es walls Room 219- east	N/A
PL09-02	Room 229 south wall	ND	PLM				
PL09-03	Room 230, bathroom north wall	ND	PLM				
PL09-04	Room 231 south wall	ND	PLM				
PL09-05	Room 233 north wall	ND	PLM				
PL09-06	Room 236 north wall	ND	PLM				
PL09-07	Room 240 north wall	ND	PLM				
PL09-08 ¹	Room 216 west kitchen wall	ND	PLM				
PL09-09 ¹	Room 218 ceiling	ND	PLM				
PL09-10 ¹	Basement stairwell east wall	ND	PLM				
PL09-11 ¹	Basement stairwell west wall	ND	PLM				

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification
PL10-01	Room 228 south wall	ND	PLM	Good	White flat plasterboard with tan skim – two-layer wall system	Rooms 228 es wall; 229 n, w walls; 229 closet neswc; 230 esw; 230 bath esw; 231 new; 231 bath new; 232 s,w; 232 bath nesw; 233 n,w; 234 sew; 234 bath east wall and ceiling; 235 n, e walls; 235 s angled ceiling; 235 bath n,c; 236 s and w wall; 238 s wall, e wall, and west wall by bathroom (not by entrance); 238 bath ceiling; 239 n, e, s angled ceiling; 240 s, w wall; 241 new; 241 bath newc; 242 nesw; 242 bath ewc upstairs hall- n and south- n wall of stairwell; basement- west stairwell ceiling	N/A
PL10-02	Room 229 north wall	ND	PLM				
PL10-03	Room 232 south wall	ND	PLM				
PL10-04	Room 238 bathroom ceiling	ND	PLM				
PL10-05	Room 240 w wall	ND	PLM				
PL10-06	Room 242 south wall	ND	PLM				
PL10-07	Room 242 bathroom east wall	ND	PLM				
PL10-08	Duplicate of PL10-07	ND	PLM				
PL10-09	West basement stairwell ceiling	ND	PLM		Off white granular material, white/gray paint, white granular plaster		
PL10-10	West basement stairwell ceiling	ND	PLM		Off white granular material, light gray granular plaster, white/multi-colored paint, white granular plaster		

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification
CTA24-01	Room 228 bathroom	ND	PLM	Good	Tan adhesive, gray granular material, white resinous material, white plaster, off-white ceramic tile	Bathrooms: 228, 229, 230, 232, 234, 235, 236, 239, 240, 242	N/A
CTA24-02	Room 236 bathroom	ND	PLM		Light gray granular resinous material and white ceramic tile		
CTA24-03	Room 242 bathroom	ND	PLM		Tan adhesive, gray grout, and off-white ceramic tile		
CTA25-01	Room 230 bathroom	ND	PLM	Poor	Off-white multi-colored floor tile	Rooms 228 bath; 230 bath; 232 bath; 234 bath; 235 bath; 236 bath; 238 bath; 239 bath	N/A
CTA25-02	Room 234 bathroom	ND	PLM				
CTA25-03	Room 238 bathroom	ND	PLM				
CTA26-01	Room 228 bathroom	ND	PLM	Good	Tan adhesive and off-white floor tile	Rooms 228; 230; 232 bath; 233 bath; 233 bath; 234 bath; 235 bath; 236 bath; 238 bath; 240 bath; 242 bath	N/A
CTA26-02	Room 234 bathroom	ND	PLM		Off-white grout, tan adhesive, and tan floor tile		
CTA26-03	Room 242 bathroom	ND	PLM		White caulk, tan adhesive, off-white grout, and tan floor tile		
VA02-01	Room 228 bathroom	ND	PLM	Good	Tan adhesive	Rooms 228 bath; 229 bath; 232 bath; 233 bath; 234 bath; 238 bath; 239 bath; 240 bath; 242 bath	N/A
VA02-02	Room 233 bathroom	ND	PLM				
VA02-03	Room 240, bathroom	ND	PLM				
Samples Collected on January 23, 2018							
SVF08-01	Room 230 bath	ND	PLM	Good		230 bath and 219 kitchen	N/A

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification
SVF08-02	Room 230 bath	ND	PLM		Marbled green sheet vinyl with clear adhesive		
SVF08-03	Room 230 bath	ND	PLM				
SVF09-01	Room 232 bathroom	ND	PLM	Fair	Tan adhesive, off white fibrous material, green/multi- colored sheet vinyl with off white fibrous backing material	Room 232 bathroom	N/A
SVF09-02	Room 232 bathroom	ND	PLM				
SVF09-03	Room 232 bathroom	ND	PLM				
SVF10-01	Room 234 bathroom	ND	PLM	Fair	Tan adhesive and green/multi-colored sheet vinyl with off white fibrous backing material	Rooms 234 bath; 235 bath; 242 bath	N/A
SVF10-02	Room 235 bathroom	ND	PLM		Black tar, black fibrous tar, green/multi-colored sheet vinyl with white fibrous backing material		
SVF10-03	Room 242 bathroom	ND	PLM		Tan adhesive and green/multi-colored sheet vinyl with off white fibrous backing material		
SVF11-01	Room 235 bathroom	ND	PLM	Fair	Green/multi-colored sheet vinyl with off white fibrous backing material, white granular cementitious material	Room 235 bathroom	N/A
SVF11-02	Room 235 bathroom	ND	PLM				
SVF11-03	Room 235 bathroom	ND	PLM				

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification
SVFI2-01	Room 236 bathroom	ND	PLM	Poor	Off white/multi- colored sheet vinyl with off white fibrous backing material and tan fibrous material	Room 236 bathroom	N/A
SVFI2-02	Room 236 bathroom	ND	PLM				
SVFI2-03	Room 236 bathroom	ND	PLM				
SVFI3-01	Room 238 bathroom	ND	PLM	Good	Tan wood, white adhesive, tan/multi- colored sheet vinyl with off white fibrous backing material	Rooms 238 bath; 240 bath	N/A
SVFI3-02	Room 240 bathroom	ND	PLM		Gray leveling compound, white adhesive, tan/multi- colored sheet vinyl with off white fibrous backing material		
SVFI3-03	Room 240 bathroom	ND	PLM		Tan adhesive, white adhesive, tan/multi- colored sheet vinyl with off white fibrous backing material		
RMI01-01	235 bath	ND	PLM	Fair	Black fibrous tar with gray shingle	235 bath	N/A
RMI01-02	235 bath	ND	PLM				
RMI01-03	235 bath	ND	PLM				
CBA01-01	Room 230 bath	ND	PLM	Fair	Orange adhesive and brown cover base	Rooms 230 bath- n, w; 232 bath; 235 bath; 236 bath; 238 bath; 240 bath	N/A
CBA01-02	Room 236 bath	ND	PLM				
CBA01-03	Room 240 bath	ND	PLM				

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification
CBA02-01	Room 231 bath	ND	PLM	Fair	Tan/Brown adhesive and black cove base with white paint	Rooms 231 bath- n,w; 241 bath- east	N/A
CBA02-02 (Not on original COC)	Room 241 bathroom	ND	PLM				
CBA02-03 (Not on original COC)	Room 241 bathroom	ND	PLM				
SUC02-01	Room 215	ND	PLM	Poor	Tank sink undercoating	Rooms 215 bath; 216 bath	N/A
SUC02-02	Room 215	ND	PLM				
SUC02-03	Room 216	ND	PLM				
CBA03-01	Room 240	ND	PLM	Good	Brown adhesive, tan cove base, green sheet vinyl with off white fibrous backing material	Room 240	N/A
CBA03-02	Room 240	ND	PLM		Brown adhesive, tan cove base, green sheet vinyl with off white fibrous backing material and brown adhesive		
CBA03-03	Room 240	ND	PLM		White adhesive, tan cove base, green sheet vinyl with off white fibrous backing material		
CBA04-01	Room 212 kitchen	ND	PLM	Fair	Tan adhesive and black cove base	Room 212 kitchen	N/A
CBA04-02	Room 212 kitchen	ND	PLM		Tan adhesive and black cove base		
CBA04-03	Room 212 kitchen	ND	PLM		Tan adhesive and black cove base		

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification
CT01-01	East upstairs hall	ND	PLM	Good	12"x12" white/light brown ceiling tile with dark brown adhesive	B2 upstairs hall	N/A
CT01-02	Center upstairs hall	ND	PLM				
CT01-03	West upstairs hall	ND	PLM				
CT01-04	Duplicate of CT01-01	ND	PLM				
BRK03-01	Room 228	ND	PLM	Good	Red brick and gray mortar	All upstairs and downstairs in building 1, 2 and office bedrooms and bathrooms	N/A
BRK03-02	Room 242	ND	PLM				
BRK03-03	Room 216	ND	PLM				
VFT07-01	Room 212 closet	ND	PLM	Poor	9 x 9 in tan/brown sheet vinyl with black fibrous backing	Rooms 212 closet; 216 kitchen and closet; 217 closet; 218 closet	N/A
VFT07-02	Room 216 kitchen	ND	PLM				
VFT07-03	Room 217 closet	ND	PLM				
VFT07-04	Duplicate of VFT07-03	ND	PLM				
PAN04-01 ⁵	Room 212 west wall	ND	PLM	Good	Off white paint, brown fibrous material, gray resinous material	Rooms 212-nesw; 215- nesw; 216- nesw; 217- nesw; 218- nesw	N/A
PAN04-02 ⁵	Room 215 east wall	ND	PLM		White compound, off white paint, brown fibrous material, gray resinous material		
PAN04-03 ⁵	Room 217 east wall	ND	PLM		Gray resinous material, brown fibrous material, gray/multi-colored paint		

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification
DWT10-01	Room 215 ceiling	ND	PLM	Poor	White/yellow paint with white micaceous texture and white/brown drywall	Room 215 ceiling	N/A
DWT10-02	Room 215 ceiling	ND	PLM		White paint with white micaceous texture and gray/brown drywall		
DWT10-03	Room 215 ceiling	ND	PLM		White/yellow paint with white compound, white joint compound, white/brown drywall, white tape		
CDW10-01	Associated with sample DWT10-01	ND	PLM	Poor	White woven tape, brown paper, off white compound, white-yellow paint with white compound	Room 215 ceiling	N/A
CDW10-02	Associated with sample DWT10-02	ND	PLM		Brown paper, white woven tape, off white compound, white/yellow paint with white resinous compound		
CDW10-03	Associated with sample DWT10-03	ND	PLM		White woven tape, off white compound, white paint with white resinous compound		

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification
DWT11-01	Room 212 west kitchen wall	ND	PLM	Good	White paint with white compound and pink/brown drywall	Rooms 212 kitchen- west wall; 216 kitchen ceiling; 217- ceiling; 217 kitchen- east and ceiling; 218 kitchen- west wall and ceiling;	N/A
DWT11-02	Room 216 kitchen ceiling	ND	PLM				
DWT11-03	Room 217 ceiling	ND	PLM				
DWT11-04	Room 218 west kitchen wall	ND	PLM				
DWT11-05	Room 218 kitchen ceiling	ND	PLM				
CDW11-01	Associated with sample DWT11-01	ND	PLM	Good	White compound, white joint compound, white tape, white paint with off white texture, gray/brown drywall	Rooms 212 kitchen- west wall; 216 kitchen ceiling; 217- ceiling; 217 kitchen- east and ceiling; 218 kitchen- west wall and ceiling;	N/A
CDW11-02	Associated with sample DWT11-02	ND	PLM				
CDW11-03	Associated with sample DWT11-03	ND	PLM				
CDW11-04	Room 218 west kitchen wall	ND	PLM				
CDW11-05	Room 218 kitchen ceiling	ND	PLM				
CDW11-06	Duplicate of CDW11-05	ND	PLM				
PL1101-01	Room 229 east wall	ND	PLM	Good	White/multi-colored paint, white plaster, white/brown drywall, gray granular plaster	Room 229-e&n walls	N/A
PL1101-02	Room 229 east wall	ND	PLM				
PL1101-03	Room 229 north wall	ND	PLM				

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification
PL12-01	Room 218 east wall	ND	PLM	Good	Beige/multi-colored paint, brown paper, white plaster, gray granular plaster	Walls Only: Room 218- east and west; east stairwell's west wall	N/A
PL12-02	Room 218 west wall	ND	PLM		Beige/multi-colored paint, brown paper, white plaster, gray granular plaster		
PL12-03	Room 240 bathroom	ND	PLM		Off white/multi- colored paint, white plaster, gray granular plaster, white/brown drywall		
CTA27-01	Room 241 bathroom	ND	PLM	Good	Gray cementitious material and white ceramic tile	Rooms 229 bath; 231 bath; 241 bath; 243; 212 bath; 215 bath; 216 bath; 217 bath; 218 bath	N/A
CTA27-02	Room 231 bathroom	ND	PLM		Off white granular material, gray granular material, white ceramic tile		
CTA27-03	Room 217 bathroom	ND	PLM		White ceramic tile and black ceramic tile		
CTA29-01	Room 229	ND	PLM	Good	Gray granular plaster, gray cementitious material, white/peach ceramic tile with with/multi-colored paint	Room 229 shower wall	
CTA29-02	Room 229	ND	PLM				
CTA29-03	Room 229	ND	PLM				

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification
CTA30-01	Room 230 bathroom	ND	PLM	Good	White caulk, gray resinous material, white ceramic tile	Room 230 bathroom	N/A
CTA30-02	Room 230 bathroom	ND	PLM		Gray granular material, gray resinous material, white ceramic tile		
CTA30-03	Room 230 bathroom	ND	PLM		Gray resinous material and white ceramic tile		
CTA31-01	Room 230 bathroom	ND	PLM	Good	Tan fibrous material, tan adhesive, white resinous material, green/white ceramic tile	Rooms 230 bath; 233 bath; 234 bath; 236 bath; 238 bath; 239 bath; 242 bath	N/A
CTA31-02	Room 242 bathroom	ND	PLM		Brown fibrous material, white caulk, off white grout, white resinous material, green/white ceramic tile		
CTA31-03	Room 239 bathroom	ND	PLM		Off white grout, white resinous material, tan fibrous material, green/white ceramic tile		
CTA32-01	Room 231 bathroom	ND	PLM	Good	Off white resinous material, off white grout, gray granular material, pink/peach ceramic tile with white paint	Rooms 231 bath; 235 bath window; 216; 217	N/A
CTA32-02	Room 235 bathroom	ND	PLM				
CTA32-03	Room 216 bathroom	ND	PLM				

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification
CTA34-01	Room 233 bath	ND	PLM	Good	Off white adhesive, white granular material, gray granular material, colorless caulk, brown/multi-colored ceramic tile	Room 233 shower	N/A
CTA34-02	Room 233 bath	ND	PLM				
CTA34-03	Room 233 bath	ND	PLM				
CTA35-01	Room 241 bathroom	ND	PLM	Good	Gray granular material and peach ceramic tile	Rooms 241 bath; 212 bath; 215 bath	N/A
CTA35-02	Room 241 bathroom	ND	PLM				
CTA35-03	Room 215 bathroom	ND	PLM				
CTA36-01	Room 242 bathroom	ND	PLM	Good	Tan adhesive, white caulk, gray granular material, red ceramic tile	Room 242 bathroom	N/A
CTA36-02	Room 242 bathroom	ND	PLM		White caulk, gray resinous material, gray granular material, red ceramic tile		
CTA36-03	Room 242 bathroom	ND	PLM		Tan adhesive and red ceramic tile		
CTA36-04	Duplicate for CTA36-03	ND	PLM		Gray granular material, off white resinous material, red ceramic tile		
CTA37-01	Room 242 bathroom	ND	PLM	Good	Gray granular material and blue/multi-colored ceramic tile	Room 242 bathroom	N/A
CTA37-02	Room 242 bathroom	ND	PLM				
CTA37-03	Room 242 bathroom	ND	PLM				

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification
CTA38-01	Room 230 bathroom	ND	PLM	Good	Tan/pink drywall, white resinous material, white ceramic tile	Rooms 230 bath; 231 bath; 232 bath; 234 bath; 235 bath; 236 bath; 238 bath; 239 bath; 242 bath	N/A
CTA38-02	Room 238 bathroom	ND	PLM		White resinous material and white ceramic tile		
CTA38-03	Room 239 bathroom	ND	PLM		White caulk, white/blue resinous material, white ceramic tile		
Samples Collected on January 24, 2018							
CIN01-01	West concrete floor sample in basement of Building 2	ND	PLM	Good	Cinderblock insulation - gray granular cementitious material	Walls of Building 2 basement	N/A
CIN01-02	Center concrete floor sample in basement of Building 2	ND	PLM				
CIN01-03	East concrete floor sample in basement of Building 2	ND	PLM				
CK07-01	West basement door border - interior	ND	PLM	Poor	White caulk with blue paint	West basement door border - interior	N/A
CK07-02	West basement door border - interior	ND	PLM				
CK07-03	West basement door border - interior	ND	PLM				

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification
GR01-01	Building 2 basement room A south wall	ND	PLM	Good	Gray granular plaster, block grout (poured foundation seams)	Building 2, new of basement	N/A
GR01-02	Building 2 basement room A east wall	ND	PLM				
GR01-03	Building 2 basement room D west wall above the stairs	ND	PLM				
TSI04-01	Room C near stair well bottom	Chrysotile <0.25% Amosite <0.25%	Point Count	Fair	Pipe insulation, joints, also	Throughout basement of Building 2 (See Figure 7 and 8)	N/A
TSI04-02	Room B – west ceiling	Chrysotile <0.25% Amosite 0.25%	Point Count				
TSI04-03	Room D – sw corner ceiling	Chrysotile <0.25% Amosite 0.25%	Point Count				
PL13-01	Basement room E north ceiling	ND	PLM	Good	Beige/white paint, white granular plaster, gray granular plaster	Basement room A ceiling; laundry room (D)- east and n walls; room E- nwc; F- nec; G- nwc; Room 219- eswc and kitchen and bath	N/A
PL13-02	Basement room E south ceiling	ND	PLM		Beige/white paint, white granular plaster, gray granular plaster		
PL13-03	Basement room A - southwest corner ceiling	ND	PLM		Gray granular plaster		

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification
PL30-04	Room G north wall	ND	PLM		Multi-colored paint/white plaster Gray granular plaster		
PL30-05 ⁸	Room 219 west wall	Chrysotile <0.25	Point count		Multi-colored paint/white plaster Gray granular plaster		
PL30-06 ⁸	Duplicate of PL30-05	Chrysotile <0.25	Point count		Off white plaster		
BRK04-01	Basement west stairs - west wall	ND	PLM	Good	Red brick and white paint with white granular plaster	Interior basement- west stairs (west and south walls)- rooms C	N/A
BRK04-02	Basement south wall near west stairs	ND	PLM				
BRK04-03	Basement west wall near west stairs	ND	PLM				
SVF16-01	Building 2 basement west stairs	ND	PLM	Good	Brown mastic, black felt, off white/multi- colored sheet vinyl with black fibrous backing	West stairs and east stairs of basement	N/A
SVF16-02	Building 2 basement west stairs	ND	PLM				
SVF16-03	Building 2 basement east stairs	ND	PLM				

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification
VB01-01	Building 2 west basement ceiling	ND	PLM	Good	Vapor Barrier: Silver paint and tan/black /brown fibrous material	Building 2 Rooms C, B, D, F of	N/A
VB01-02 ⁴	Building 2 center basement ceiling	ND	PLM				
VB01-03	Building 2 east basement ceiling	ND	PLM				
PL12-01	Room 228 bathroom	ND	PLM	Good	White/multi-colored paint, white plaster, gray granular plaster	Original Ceilings only: 6 in plenum above 228, 232, 233 bathroom; 236 bath; 240 bath	N/A
PL12-02	Room 233 bathroom	ND	PLM				
PL12-03	Room 240 bathroom	ND	PLM				
SVF15-01	Room 217 kitchen	ND	PLM	Poor	Cream/gray sheet vinyl with black fibrous backing	Rooms 217 kitchen; 218 kitchen	N/A
SVF15-02	Room 217 kitchen	ND	PLM		Dark gray foam and cream/gray sheet vinyl with black fibrous backing		
SVF15-03	Room 218 kitchen	ND	PLM		Dark gray foam and cream/gray sheet vinyl with black fibrous backing		
VFT08-01	East stairwell	ND	PLM	Poor	Brown mastic and gray tile	B2 bottom of east stairwell and west stairwell	N/A
VFT08-02	East stairwell	ND	PLM		Cream mastic and gray tile		
VFT08-03	West stairwell	ND	PLM		Cream mastic and gray tile		

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification
VFT04-01	Room A	ND	PLM	Poor	Tan adhesive with gray debris and off-white tile	Room A	N/A
VFT04-02	Room A	ND	PLM				
VFT04-03	Room A	ND	PLM				
VFT05-01	Room A	ND	PLM	Fair	Tan adhesive with gray debris and off-white tile	Room A	N/A
VFT05-02	Room A	ND	PLM		Off white/light beige tile		
VFT05-03	Room A	ND	PLM		Brown adhesive and off white/light beige tile		
CA01-01 ³	Room E office	ND	PLM	Good	Brown adhesive and grayish white/brown carpet	Building I Office Room E office	N/A
CA01-02 ³	Room E office	ND	PLM				
CA01-03 ³	Room E office	ND	PLM				
CK02-01	Room A	ND	PLM	Poor	White caulk	Room A	N/A
CK02-02	Room A	ND	PLM		Tan fibrous material and white caulk		
CK02-03	Room A	ND	PLM		White caulk		
CT03-01	BB – Center Ceiling	ND	PLM	Good	White/tan ceiling tile	BB, DD, FF	N/A
CT03-02	DD – Center Ceiling	ND	PLM				
CT03-03	FF – Center Ceiling	ND	PLM				
CT03-04	Duplicate of CT03-03	ND	PLM				

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification
BRK02-01	Room C south wall	ND	PLM	Good	Red brick	Room C - south walls; Room AA fireplace	N/A
BRK02-02	Room AA	ND	PLM		Off white granular material and red brick		
BRK02-03	Room AA	ND	PLM		Sample not received		
BRK02-04	Duplicate of BRK02-03	ND	PLM		Gray granular material, white granular material, brown/black brick, pink-red brick with gray paint		
CTA38-01	Room EE	ND	PLM	Good	Gray granular material and white ceramic tile	Room EE	N/A
CTA38-02	Room EE	ND	PLM				
CTA38-03	Room EE	ND	PLM				
CTA39-01	Room EE	ND	PLM	Good	White grout, gray cementitious material, pink/peach ceramic tile	Room EE	N/A
CTA39-02	Room EE	ND	PLM				
CTA39-03	Room EE	ND	PLM				
CTA39-04	Duplicate of CTA39-03	ND	PLM				
CTA40-01	Room EE	ND	PLM	Good	Gray cementitious material, gray granular material, black/beige ceramic tile	Room EE	N/A
CTA40-02	Room EE	ND	PLM				
CTA40-03	Room EE	ND	PLM				
CTA41-01	Room EE	ND	PLM	Good	Gray granular cementitious material, green ceramic tile, white ceramic tile	Room EE	
CTA41-02	Room EE	ND	PLM				
CTA41-03	Room EE	ND	PLM				

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification
CTA42-01	Room AA fireplace	ND	PLM	Good	Gray granular material and red brick	AA fireplace and EE entrance	N/A
CTA42-02	Room AA fireplace	ND	PLM				
CTA42-03	Room EE entrance	ND	PLM				
CTA42-04	Duplicate of CTA42-03	ND	PLM				
PAN04-01 ⁶	Room DD north wall	ND	PLM	Good	Tan adhesive, tan fibrous material, brown/multi-colored fiberboard	Rooms DD, FF	N/A
PAN04-02 ⁶	Room FF south wall	ND	PLM				
PAN04-03 ⁶	Room FF east wall	ND	PLM				
PAN03-01	Room H office south wall	ND	PLM	Good	Tan resinous material	Room H office - nesw	N/A
PAN03-02	Room H office west wall	ND	PLM				
PAN03-03	Room H office east wall	ND	PLM				
CTA23-01	Room F office west wall	ND	PLM	Good	Gray granular material and off- white ceramic tile	Room F office newc	N/A
CTA23-02	Room F office center	ND	PLM				
CTA23-03	Room F office west wall	ND	PLM				
DWT05-01	Room B east wall	ND	PLM	Good	White compound with off white paint and tan/pink drywall	Room B east wall	N/A
DWT05-02	Room B east wall	ND	PLM				
DWT05-03	Room B east wall	ND	PLM				
DWT05-04	Duplicate of DWT05-03	ND	PLM				

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification
DWT12-01	Room BB west wall	ND	PLM	Good	White/tan drywall with tan adhesive and white/tan drywall	Room BB- east wall under wood pane	N/A
DWT12-02	Room FF west wall	ND	PLM				
DWT12-03	Room DD north wall	ND	PLM				
WA02-01	Room I east wall	ND	PLM	Poor	Colorless adhesive and tan wall covering with off white/pink paint	Room I east wall	N/A
WA02-02	Room I, east wall	ND	PLM				
WA02-03	Room I, east wall	ND	PLM				
INS04-01	Building 2 Room A, basement water heater pipe	Chrysotile <0.25 Amosite <0.25	PLM	Fair	Black foamy material with off white resinous material	Rooms A and 219 of basement	N/A
INS04-02	Building 2 Room A, basement furnace pipe	Chrysotile <0.25 Amosite <0.25	PLM				
INS04-03	Building 2 Room A, basement furnace pipe	Chrysotile <0.25 Amosite <0.25	PLM				
VFT06-01	Room D	ND	PLM	Fair	Colorless adhesive and gray/multi- colored sheet vinyl with gray fibrous backing material	Room D	N/A
VFT06-02	Room D	ND	PLM				
VFT06-03	Room D	ND	PLM				

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification
VSA01-01	Room BB counter	ND	PLM	Fair	Brown adhesive and brown/multi-colored resinous material with black fibrous backing material	Room BB counter and west wall	N/A
VSA01-02	Room BB counter	ND	PLM				
VSA01-03	Room BB east wall	ND	PLM				
VSA01-04	Duplicate of VSA01-03	ND	PLM		Brown adhesive and brown/multi-colored resinous material with black fibrous backing material	Room BB counter and west wall	
WA01-01	Room I south wall	ND	PLM	Poor	White plaster with peach paint and tan/multi-colored wall paper	Room I south wall	N/A
WA01-02	Room I south wall	ND	PLM				
WA01-03	Room I south wall	ND	PLM				
PAN02-01	Room A	ND	PLM	Good	Tan adhesive and tan paper	Rooms A, BB, DD	N/A
PAN02-02	Room BB	ND	PLM		Tan paper and tan adhesive		
PAN02-03	Room BB	ND	PLM		Brown/multi-colored fiberboard		
PAN02-04	Duplicate of PAN02-03	ND	PLM		Colorless adhesive and brown/multi- colored fiberboard		
PL07-01	Room D – west wall	Chrysotile <0.25	Point Count	Good	Off-white flat plaster	Room D – neswc; room BB - nesw	N/A
PL07-02	Room D – south wall	Chrysotile <0.25	Point Count				
PL07-03	Room D – north wall	Chrysotile <0.25	Point Count				

Sample Name	Sample Location	Lab Results/ Asbestos Type	Detection Method(s)	Condition	Material Description	Material Location	NESHAP Classification
PL14-01	Office Building; room I – n wall	ND	PLM	Good	Grey/white plaster on metal lath	Building 2 - all rooms on first floor and in basement (nesw)	N/A
PL14-02	Office Building; room F - ceiling	Chrysotile <0.25%	Point count				
PL14-03	Office Building; room BB – n wall	Chrysotile <0.25%	Point count				
PL14-04	Office Building; room EE – west wall	ND	PLM				
PL14-05	Office Building; room AA – west wall	ND	PLM				
PL14-06	Duplicate of PL14-05	ND	PLM				

Notes:

- 1 The sample was collected on a different day than the listed day above but is grouped with other samples with the same homogeneous code
- 2 Samples CA01-01, 02, 03 (Dark brown adhesive and black foam) were collected on January 19, 2018 from Building 1-Motel rooms
- 3 Samples CA0-01, 02-03 (Brown adhesive, gray/white carpet) were collected on January 24, 2018 from Building 1-Office
- 4 Laboratory typos; the lab listed the sample as VB010-02 but the sample ID is VB01-02
- 5 Samples PAN04-01, 02, 03 (off white paint, brown fibrous material and gray resinous material) were collected on January 23, 2018
- 6 Samples PAN04-01, 02, 03 (tan adhesive with brown multi-colored fibrous material) were collected on January 24, 2018
- 7 Sample CTA03-02 is labeled as ceramic tile, but is floor tile associated with VFT01
- 8 Samples PL30-04, 05, 06 are grouped with PL13-01-02-03; samples collected on the same day and same homogeneous material

c	ceiling	ND	No Asbestos Detected	PLM	Polarized Light Microscopy
e	east	NESHAP	National Emission Standard for Hazardous	s	south
n	north	Air	Pollutants	Sq. ft.	Square Feet
N/A	Not Applicable	PC	Point Count	w	west
				c	ceiling

Table 3-2 Summary of Paint Chip Laboratory Analysis for Lead – AP-66

Sample Number	Sample Location	Lead Concentration (% wt.)	Component	Paint Description	Classification
Building 1 and Exterior – Sampled on January 18-19, 2018					
PB01-01	Room 101	0.025	Plaster wall	White	NLC
PB01-02	Room 103	0.013	Plaster wall	White	NLC
PB01-03	Room 102	0.14	Steel radiator	White	LCP
PB01-04	Room 105	0.067	Wood door frame	White	LCP
PB01-05	Room 105	0.010	Plaster wall	White	NLC
PB01-06	Room 110	0.13	Wood door frame	White	LCP
PB01-07	Room 120	0.047	Drywall	White	NLC
PB01-08	Room 122	0.073	Plaster wall	White	LCP
PB01-09	Room 124	0.0067	Plasterboard	White	NLC
PB01-10	Room 124	0.019	Steel radiator	White	NLC
PB01-11	Room 125	0.040	Drywall	White	NLC
PB01-12	Room 126	0.088	Wood door frame	White	LCP
PB01-13	Room 110	0.098	Steel radiator	White	LCP
PB02-01	Room 103	0.020	Steel radiator	Green	NLC
PB02-01	Room 109	0.039	Steel radiator	Green	NLC
PB03-01	Room 121	0.037	Plaster wall	Tan	NLC

Sample Number	Sample Location	Lead Concentration (% wt.)	Component	Paint Description	Classification
EXPB01-01	Exterior roof at attic vent trim	0.029	Wood	Salmon	NLC
EXPB01-02	Exterior metal sign	<0.0047	Metal	Salmon	NLC
EXPB02-01	Exterior door trim	0.017	Wood	Red-orange	NLC
EXPB03-01	Circular driveway	0.0046	Concrete curbing	Yellow	NLC
EXPB04-01	Red trim circular driveway	<0.0044	Wood	Red	NLC
Building 2– Sampled on January 22, 2018					
PB01-01	Rom 228 East wall	0.099	Plasterboard	White	LCP
PB01-02	Room 228 Door frame to bath	0.13	Wood door frame	White	LCP
PB01-03	Room 229 Bath north wall	0.0063	Drywall	White	NLC
PB01-04	Room 231 West wall	0.063	Plaster	White	LCP
PB01-05	Room 235 South wall	<0.0037	Plaster	White	NLC
PB01-06	Room 236 Bath north wall	0.003	Drywall	White	NLC
PB01-07	Room 235 Bath door frame	0.014	Wood	White	NLC
PB01-08	Room 241 South wall	0.054	Plaster	White	NLC
PB01-09	Room 240 Entry door frame	0.27	Wood	White	LCP
PB01-10	Room 212 Kitchen west wall	<0.0029	Drywall	White	NLC
PB01-11	Room 215 South wall	<0.0022	Plaster	White	NLC

Sample Number	Sample Location	Lead Concentration (% wt.)	Component	Paint Description	Classification
PB01-12	Room 217 East wall	0.0018	Plaster	White	NLC
PB02-01	Room 230 Bath east wall	0.11	Steel radiator	Green	LCP
PB02-02	Room 231 Bath	0.11	Steel radiator	Green	LCP
PB02-03	Room 215 Bath	0.38	Steel radiator	Green	LCP
PB03-01	Room 217 Bath north wall	0.015	Steel radiator	White	NLC
PB03-02	Room 218 Bath north wall	0.079	Steel radiator	White	LCP
PB04-01	Room A Entry door	0.044	Wood	White	NLC
PB04-02	Room 219 West wall	0.11	Plaster	White	LCP
Building 1 – Office and Basement Sampled on January 24, 2018					
PB01-01	Room BB North wall	0.013	Plaster	White	NLC
PB01-02	Room Bb Door frame	0.22	Wood	White	LCP
PB01-03	Room DD South wall	0.056	Plaster	White	NLC
PB01-04	Room A West wall	0.15	Plaster	White	LCP
PB01-05	Room C East wall	0.0077	Plaster	White	NLC
PB01-06	Room I North wall	0.022	Plaster	White	LCP
PB01-07	Room J West wall	0.061	Plaster	White	LCP
PB01-08	Room G North wall	0.047	Plaster	White	NLC
PB03-01	Room EE Bath ceiling	0.57	Plaster	Pink	LBP

Sample Number	Sample Location	Lead Concentration (% wt.)	Component	Paint Description	Classification
PB04-01	Room A East wall	0.13	Steel radiator	Brown	LCP
*PB05-01	Room D (Building 2 east wall)	0.0061	Plaster	Tan	NLC
PB06-01	Room AA East wall	0.077	Plaster	Tan	LCP
PB06-02	Room AA Door frame	0.044	Wood	Tan	NLC
PB07-01	Room D Kitchen window jamb	0.044	Plaster	Light green	NLC

Notes:

* Sample collected in Building 2 and inadvertently submitted with Building 1

Table 3-2A Summary of TCLP Properties – AP-66

Building Materials	Estimated Weighted Percent (%)
TCLP Conducted January 25, 2018	
Plaster with white paint	55
Concrete	10
Drywall with white paint	23
Roofing	2
Door jambs with white paint	3
Brick	2
Flooring	1
Wood with salmon paint	2.5
Carpet	.5
Fiberglass insulation	1
Total	100%
Analytical TCLP Results	<0.25/LCP

Table 3-3 Summary of Regulated Building Materials – AP-66

Room	Material	Location	Quantity Fixtures/bulbs each
RBM Survey Building I Motel Rooms			
101	Compact Fluorescent Lighting	Ceiling- main room	1 fixtures/2 bulbs
101	Compact Fluorescent Lighting	Ceiling- kitchen	1 fixture/1 bulb
101	Fluorescent Lighting	Bath	1
102	Compact Fluorescent Lighting	Ceiling-main room	1 fixtures/2 bulbs
102	Compact Fluorescent Lighting	Ceiling-second room	1 fixtures/2 bulbs
102	Fluorescent Lighting	Bath	1
102	Compact Fluorescent Lighting	Ceiling- kitchen	1 fixture/1 bulb
103	Compact Fluorescent Lighting	Ceiling- main room	1 fixtures/2 bulbs
103	Compact Fluorescent Lighting	Ceiling- kitchen	1 fixture/1 bulb
103	Fluorescent Lighting	Bath	1
104	Compact Fluorescent Lighting	Ceiling- main room	1 fixtures/2 bulbs
104	Compact Fluorescent Lighting	Ceiling- kitchen	1 fixture/1 bulb
104	Fluorescent Lighting	Bath	1
105	Compact Fluorescent Lighting	Ceiling- main room	1 fixtures/2 bulbs
105	Compact Fluorescent Lighting	Ceiling- kitchen	1 fixture/1 bulb
105	Fluorescent Lighting	Bath	1
106	Compact Fluorescent Lighting	Ceiling- main room	1 fixtures/2 bulbs
106	Compact Fluorescent Lighting	Ceiling- kitchen	1 fixture/1 bulb
106	Fluorescent Lighting	Bath	1
107	Compact Fluorescent Lighting	Ceiling- main room	1 fixtures/2 bulbs
107	Compact Fluorescent Lighting	Ceiling- second room	1 fixtures/2 bulbs
107	Compact Fluorescent Lighting	Ceiling- kitchen	1 fixture/1 bulb

Room	Material	Location	Quantity Fixtures/bulbs each
107	Fluorescent Lighting	Bath	1
108	Compact Fluorescent Lighting	Ceiling- main room	1 fixtures/2 bulbs
108	Compact Fluorescent Lighting	Ceiling- second room	1 fixtures/2 bulbs
108	Compact Fluorescent Lighting	Ceiling- kitchen	1 fixture/1 bulb
108	Fluorescent Lighting	Bath	1
109	Compact Fluorescent Lighting	Ceiling- main room	1 fixtures/2 bulbs
109	Compact Fluorescent Lighting	Ceiling- kitchen (shared with 110)	1 fixture/1 bulb
109	Fluorescent Lighting	Bath	1
110	Compact Fluorescent Lighting	Ceiling- main room	1 fixtures/2 bulbs
110	Fluorescent Lighting	Bath	1
120	Compact Fluorescent Lighting	Ceiling- main room	1 fixtures/2 bulbs
120	Compact Fluorescent Lighting	Ceiling- second room	1 fixtures/1 bulbs
120	Fluorescent Lighting	Bath	1
121	Compact Fluorescent Lighting	Ceiling- main room	1 fixtures/2 bulbs
121	Fluorescent Lighting	Bath	1
122	Compact Fluorescent Lighting	Ceiling- main room	1 fixtures/2 bulbs
122	Fluorescent Lighting	Bath	1
123	Compact Fluorescent Lighting	Ceiling- main room	1 fixtures/2 bulbs
123	Fluorescent Lighting	Bath	1
124	Compact Fluorescent Lighting	Ceiling- main room	1 fixtures/2 bulbs
124	Fluorescent Lighting	Bath	1
125	Compact Fluorescent Lighting	Ceiling- main room	1 fixtures/2 bulbs
125	Fluorescent Lighting	Bath	1
126	Compact Fluorescent Lighting	Ceiling- main room	1 fixtures/2 bulbs

Room	Material	Location	Quantity Fixtures/bulbs each
126	Fluorescent Lighting	Bath	1
127	Compact Fluorescent Lighting	Ceiling- main room	1 fixtures/2 bulbs
127	Fluorescent Lighting	Bath	1
Hall	Mercury thermostat	Center	1
Hall	Exit signs	East and West at stairs	2
RBM Survey Building 1 Office and Basement			
Room A	Compact Fluorescent Lighting	Ceiling-north	2 fixtures/2 bulbs
Room A	Fluorescent Lighting	Ceiling	2
Room A	Ice-o-Matic/Freon	West	1
Room B	Fluorescent Lighting	North and South	2 fixtures/2 bulbs
Room C	Halogen Flood Light	South	1
Room C	Compact Fluorescent Lighting	Ceiling-north	2 fixtures/2 bulbs
Room C	Mercury Thermostat	North wall	1
Room D	Compact Fluorescent Lighting	Ceiling-north and south	2 fixtures/2 bulbs
Room E	Compact Fluorescent Lighting	Ceiling-north	1 fixtures/2 bulbs
Room F	Fluorescent Lighting	Ceiling	1 fixtures/2 bulbs
Room G	Compact Fluorescent Lighting	Ceiling-north	1 fixtures/1 bulbs
Room H	Compact Fluorescent Lighting	Ceiling-north and south	2 fixtures/2 bulbs
Room I	Compact Fluorescent Lighting	Ceiling	1 fixtures/2 bulbs
Room J	Compact Fluorescent Lighting	Ceiling	1 fixtures/2 bulbs
Room AA	Compact Fluorescent Lighting	Ceiling-north and south	2 fixtures/2 bulbs
Room AA	Fluorescent Lighting	Ceiling	1 fixtures/2 bulbs
Room AA	Old Refrigerator/Freon	South Wall	1
Room BB	Fluorescent Lighting	Ceiling	2 fixtures/2 bulbs

Room	Material	Location	Quantity Fixtures/bulbs each
Room CC	Compact Fluorescent Lighting	Ceiling	1 fixtures/2 bulbs
Room DD	Halogen Flood Light	South	1
Room DD	Compact Fluorescent Lighting	Ceiling	1 fixtures/2 bulbs
Room EE	Compact Fluorescent Lighting	Ceiling	1 fixtures/1 bulbs
Room FF	Fluorescent Lighting	Ceiling	2 fixtures/2 bulbs
RBM Survey Building 2 Motel Rooms			
Room 211	Compact Fluorescent Lighting	Ceiling-main	1 fixtures/2 bulbs
Room 211	Compact Fluorescent Lighting	Ceiling-kitchen	1 fixtures/1 bulbs
Room 211	Fluorescent Lighting	Bath	1
Room 212	Compact Fluorescent Lighting	Ceiling-main	1 fixtures/2 bulbs
Room 212	Compact Fluorescent Lighting	Ceiling-kitchen	1 fixtures/1 bulbs
Room 212	Fluorescent Lighting	Bath	1
Room 213	Compact Fluorescent Lighting	Ceiling-main	1 fixtures/2 bulbs
Room 213	Compact Fluorescent Lighting	Ceiling-kitchen	1 fixtures/1 bulbs
Room 213	Fluorescent Lighting	Bath	1
Room 214	Compact Fluorescent Lighting	Ceiling-main	1 fixtures/2 bulbs
Room 214	Compact Fluorescent Lighting	Ceiling-kitchen	1 fixtures/1 bulbs
Room 214	Fluorescent Lighting	Bath	1
Room 215	Compact Fluorescent Lighting	Ceiling-main	1 fixtures/2 bulbs
Room 215	Compact Fluorescent Lighting	Ceiling-kitchen	1 fixtures/1 bulbs
Room 215	Fluorescent Lighting	Bath	1
Room 216	Compact Fluorescent Lighting	Ceiling-main	1 fixtures/2 bulbs
Room 216	Compact Fluorescent Lighting	Ceiling-kitchen	1 fixtures/1 bulbs
Room 216	Fluorescent Lighting	Bath	1

Room	Material	Location	Quantity Fixtures/bulbs each
Room 217	Compact Fluorescent Lighting	Ceiling-main	1 fixtures/2 bulbs
Room 217	Compact Fluorescent Lighting	Ceiling-kitchen	1 fixtures/1 bulbs
Room 217	Fluorescent Lighting	Bath	1
Room 218	Compact Fluorescent Lighting	Ceiling-main	1 fixtures/2 bulbs
Room 218	Compact Fluorescent Lighting	Ceiling-kitchen	1 fixtures/1 bulbs
Room 218	Fluorescent Lighting	Bath	1
Room 228	Compact Fluorescent Lighting	Ceiling-main	1 fixtures/2 bulbs
Room 228	Fluorescent Lighting	Bath	1
Room 229	Compact Fluorescent Lighting	Ceiling-main	1 fixtures/2 bulbs
Room 229	Fluorescent Lighting	Bath	1
Room 230	Compact Fluorescent Lighting	Ceiling-main	1 fixtures/2 bulbs
Room 230	Fluorescent Lighting	Bath	1
Room 231	Compact Fluorescent Lighting	Ceiling-main	1 fixtures/2 bulbs
Room 231	Fluorescent Lighting	Bath	1
Room 232	Compact Fluorescent Lighting	Ceiling-main	1 fixtures/2 bulbs
Room 232	Fluorescent Lighting	Bath	1
Room 233	Compact Fluorescent Lighting	Ceiling-main	1 fixtures/2 bulbs
Room 233	Fluorescent Lighting	Bath	1
Room 234	Compact Fluorescent Lighting	Ceiling-main	1 fixtures/2 bulbs
Room 234	Fluorescent Lighting	Bath	1
Room 235	Compact Fluorescent Lighting	Ceiling-main	1 fixtures/2 bulbs
Room 235	Fluorescent Lighting	Bath	1
Room 236	Compact Fluorescent Lighting	Ceiling-main	1 fixtures/2 bulbs
Room 236	Fluorescent Lighting	Bath	1

Room	Material	Location	Quantity Fixtures/bulbs each
Room 237	Compact Fluorescent Lighting	Ceiling-main	1 fixtures/2 bulbs
Room 237	Fluorescent Lighting	Bath	1
Room 238	Compact Fluorescent Lighting	Ceiling-main	1 fixtures/2 bulbs
Room 238	Fluorescent Lighting	Bath	1
Room 239	Compact Fluorescent Lighting	Ceiling-main	1 fixtures/2 bulbs
Room 239	Fluorescent Lighting	Bath	1
Room 240	Compact Fluorescent Lighting	Ceiling-main	1 fixtures/2 bulbs
Room 240	Fluorescent Lighting	Bath	1
Room 241	Compact Fluorescent Lighting	Ceiling-main	1 fixtures/2 bulbs
Room 241	Fluorescent Lighting	Bath	1
Room 242	Compact Fluorescent Lighting	Ceiling-main	1 fixtures/2 bulbs
Room 242	Fluorescent Lighting	Bath	1
Room 243	Compact Fluorescent Lighting	Ceiling-main	1 fixtures/2 bulbs
Room 243	Fluorescent Lighting	Bath	1
Hall	Exit signs	East and West	2
Hall	Thermostat	Center-south wall	1
RBM Survey Building 2 - Basement			
Room A	Compact Fluorescent Lighting	Ceiling	2 fixtures/2 bulbs
Room A	Fluorescent Lighting	Ceiling	1 fixtures/2 bulbs
Room B	Compact Fluorescent Lighting	Ceiling	2 fixtures/2 bulbs
Room C	Compact Fluorescent Lighting	Ceiling	2 fixtures/2 bulbs
Room C	Exit Sign	West wall	1
Room D	Compact Fluorescent Lighting	Ceiling	1 fixtures/2 bulbs
Room E	Compact Fluorescent Lighting	Ceiling-bath	1 fixtures/1 bulb

Room	Material	Location	Quantity Fixtures/bulbs each
Room F	Compact Fluorescent Lighting	Ceiling	1 fixtures/1 bulb
Room G	Compact Fluorescent Lighting	Ceiling	1 fixtures/1 bulb
Room G	Exit sign	Northeast corner	1
Room H	Compact Fluorescent Lighting	Ceiling	1 fixtures/2 bulbs
Room H	Exit sign	East wall	1
Room 219	Compact Fluorescent Lighting	Ceiling-main	2 fixtures/2 bulbs
Room 219	Compact Fluorescent Lighting	Ceiling-second room	1 fixtures/2 bulbs
Room 219	Compact Fluorescent Lighting	Ceiling-bath	1 fixtures/1 bulbs

Appendices

Appendix A Asbestos and Lead-Based Paint Inspector Credentials



Colorado Department
of Public Health
and Environment

ASBESTOS CERTIFICATION*

This certifies that

Deborah A. Fernandez

Certification No.: 9022

has met the requirements of 25-7-507, C.R.S. and Air Quality Control
Commission Regulation No. 8, Part B, and is hereby certified by the
state of Colorado in the following discipline:

Building Inspector*

Issued: March 15, 2017

Expires: March 27, 2018

** This certificate is valid only with the possession of a
current Division-approved training course certification
in the discipline specified above.*


Authorized APCD Representative
SEAL



Colorado Department
of Public Health
and Environment

LEAD-BASED PAINT CERTIFICATION*

This certifies that

Deborah A. Fernandez

Certification No.: 13223

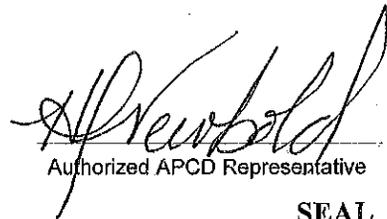
has met the requirements of 25-7-1104, C.R.S. and Air Quality Control
Commission Regulation No. 19, and is hereby certified by the state of
Colorado in the following discipline:

Risk Assessor*

Issued: March 06, 2017

Expires: March 06, 2018

** This certificate is valid only with the possession of a valid
lead-based paint training certificate in the discipline specified
above, issued by either a Colorado approved training provider,
an EPA approved training provider, or a training provider
approved by another EPA authorized program.*


Authorized APCD Representative
SEAL



Colorado Department
of Public Health
and Environment

ASBESTOS CERTIFICATION*

This certifies that

Kristen Hill

Certification No.: 21592

has met the requirements of 25-7-507, C.R.S. and Air Quality Control Commission Regulation No. 8, Part B, and is hereby certified by the state of Colorado in the following discipline:

Building Inspector*

Issued: October 02, 2017

Expires: October 02, 2018

** This certificate is valid only with the possession of a current Division-approved training course certification in the discipline specified above.*


Authorized APCD Representative

SEAL

Appendix B Homogeneous Material Photographic Log

FL01



FL02



CK01



GL01



INS01



TSI01



SVF02



DWT02



VFT02

Photo Not Available

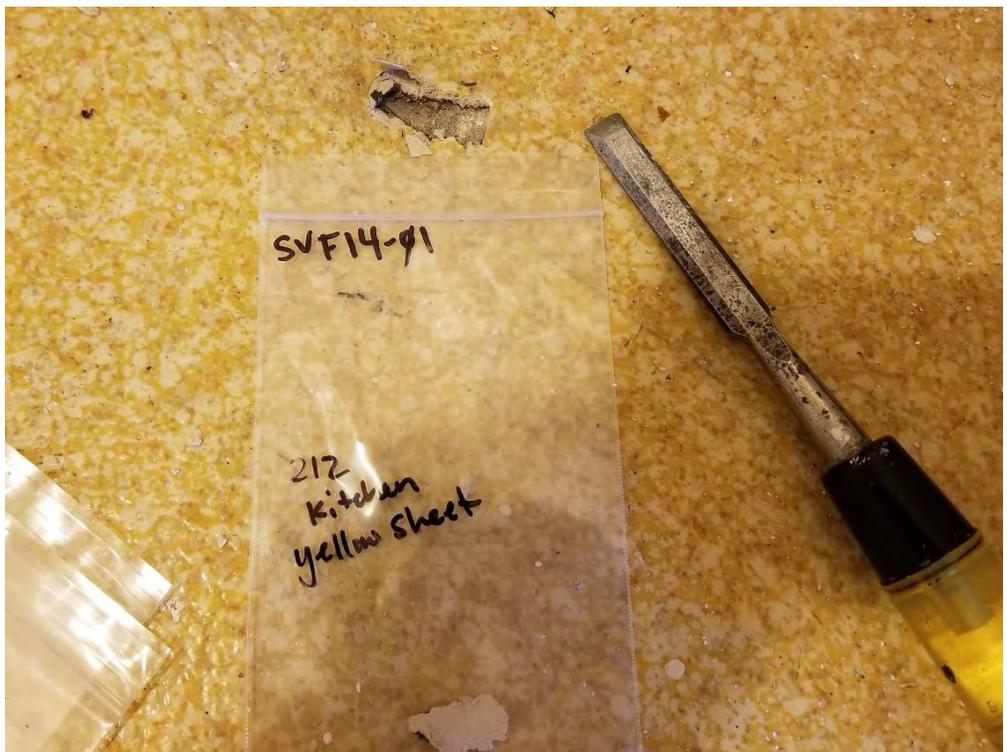
DWT08
And
CDW08



TSI02



SVF14



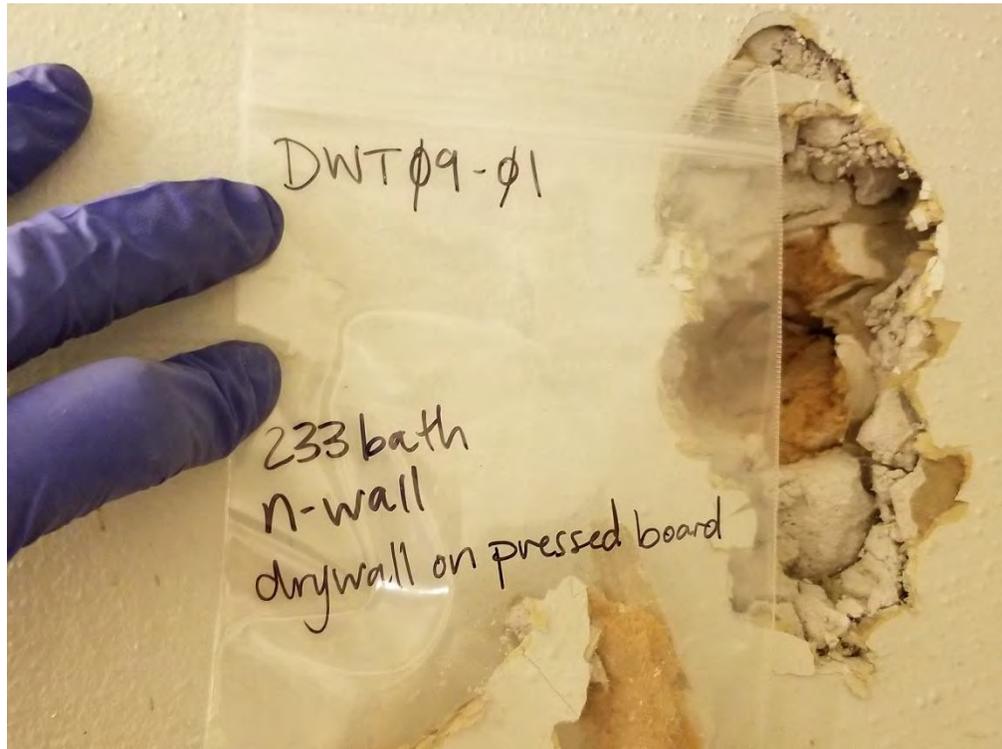
CK06



INS03



DWT09



GL02

Photo not Available

TSI03



CTA28



VFT10



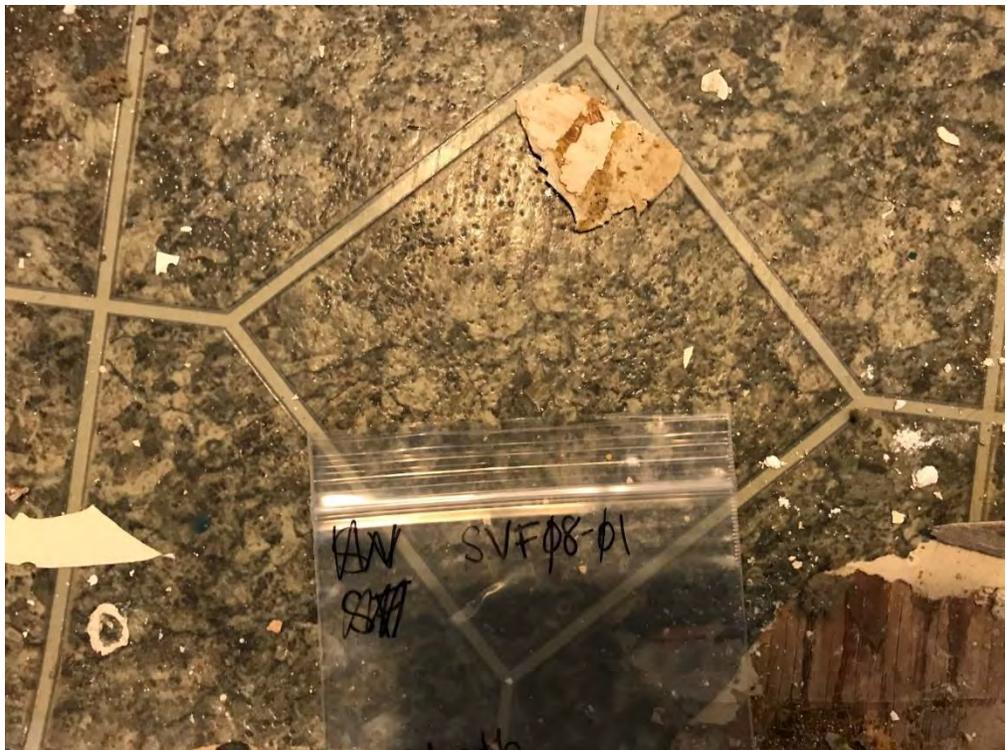
CK04

Photo Not Available

CBA05

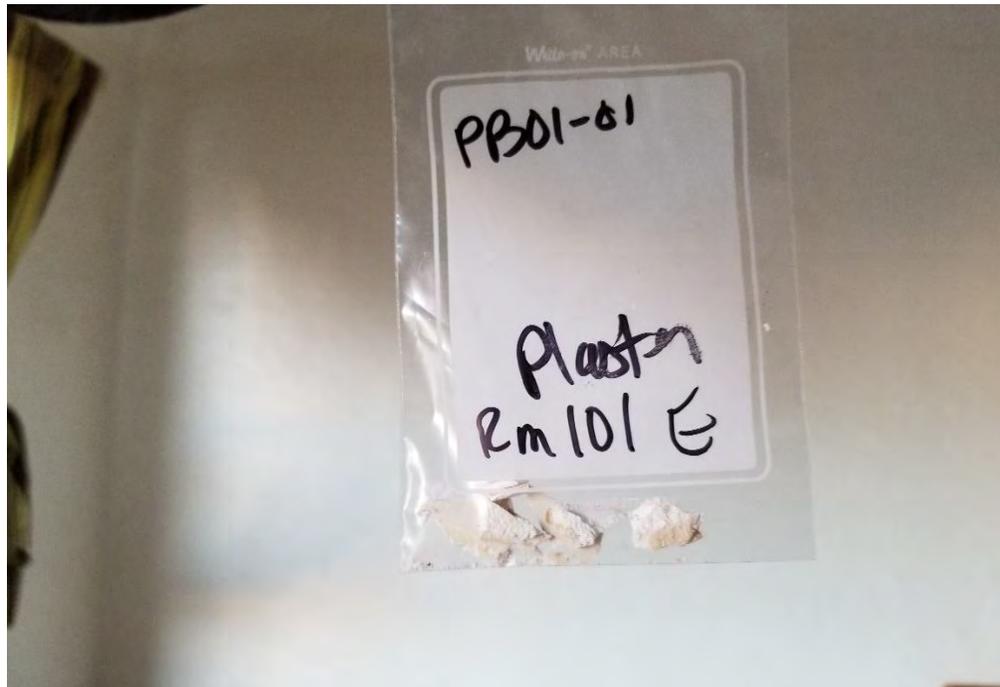
Photo Not Available

SVF08

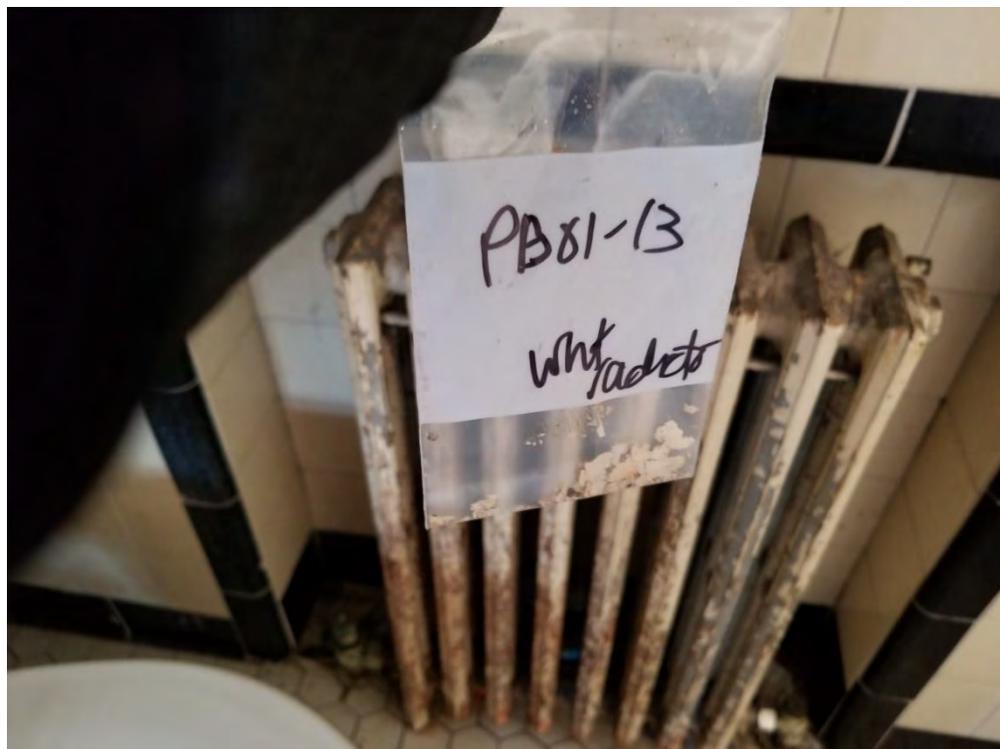


Appendix C Suspect Lead-Based Paint Photographic Log

PB01 (LCP)
white paint on
plaster, Building
1, Building 2 and
Basements



PB01 (LCP)
white paint on
radiator, Building
1 and Building 2



PB02 (LCP)
Green paint on
radiators
Building 1 and
Building 2



PB03 (LBP)
Pink plaster walls
and ceiling
Building 1,
basement
bathroom



PB06 LCP tan paint on wood door frame and wall, Building 1, Office basement



Appendix D Laboratory Analytical Reports – Suspect Asbestos-Containing Materials



January 11, 2018

Subcontract Number: NA
Laboratory Report: RES 398309-1
Project # / P.O. # 11279004.8051
Project Description: 2615 E. 46th Ave. Denver, CO

Deborah Fernandez
Pinyon Environmental Engineering
9100 West Jewell Ave. Suite 200
Lakewood CO 80232

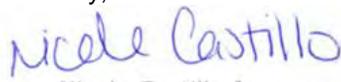
Dear Customer,

Reservoirs Environmental, Inc. is an analytical laboratory accredited for the analysis of Industrial Hygiene and Environmental matrices by the National Voluntary Laboratory Accreditation Program (NVLAP), Lab Code 101896-0 for Transmission Electron Microscopy (TEM) and Polarized Light Microscopy (PLM) analysis and the American Industrial Hygiene Association (AIHA), Lab ID 101533 - Accreditation Certificate #480 for Phase Contrast Microscopy (PCM) analysis. This laboratory is currently proficient in both Proficiency Testing and PAT programs respectively.

Reservoirs Environmental, Inc. has analyzed the following samples for asbestos content as per your request. The analysis has been completed in general accordance with the appropriate methodology as stated in the attached analysis table. The results have been submitted to your office.

RES 398309-1 is the job number assigned to this study. This report is considered highly confidential and the sole property of the customer. Reservoirs Environmental, Inc. will not discuss any part of this study with personnel other than those of the client. The results described in this report only apply to the samples analyzed. This report must not be used to claim endorsement of products or analytical results by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without written approval from Reservoirs Environmental, Inc. Samples will be disposed of after sixty days unless longer storage is requested. If you have any questions about this report, please feel free to call 303-964-1986.

Sincerely,


Nicole Castillo for

Jeanne Spencer
President

RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

TABLE: PLM BULK ANALYSIS, PERCENTAGE COMPOSITION BY VOLUME

RES Job Number: **RES 398309-1**
 Client: **Pinyon Environmental Engineering**
 Client Project Number / P.O.: **11279004.8051**
 Client Project Description: **2615 E. 46th Ave. Denver, CO**
 Date Samples Received: **January 09, 2018**
 Method: **EPA 600/R-93/116 - Short Report, Bulk**
 Turnaround: **3-5 Day**
 Date Samples Analyzed: **January 11, 2018**

ND=None Detected
 TR=Trace, <1% Visual Estimate
 Trem/Act=Tremolite/Actinolite

Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
RM01-01	EM 2003122	A	Pink resinous material	2		ND	0	100
		B	Black shingle	38		ND	25	75
		C	Black felt	60		ND	80	20
RM01-02	EM 2003123	A	Black shingle	15		ND	20	80
		B	Brown/multi-colored shingle	20		ND	25	75
		C	Black fibrous tar w/ black tar	30		ND	40	60
		D	Red/multi-colored shingle	35		ND	20	80
RM01-03	EM 2003124	A	Black fibrous tar w/ tan fibrous material	25		ND	30	70
		B	Red/multi-colored shingle	75		ND	25	75
RM01-04	EM 2003125	A	Red/multi-colored shingle	50		ND	30	70
		B	Black fibrous tar w/ tan fibrous material	50		ND	50	50
RM01-05	EM 2003126	A	Red/multi-colored shingle	35		ND	40	60
		B	Black fibrous tar w/ tan fibrous material	65		ND	65	35

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.

RESERVOIRS ENVIRONMENTAL INC.

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
RM01-06	EM 2003127	A	Black fibrous tar w/ tan fibrous material	20		ND	60	40
			Red/multi-colored shingle	80		ND	30	70
RM02-01	EM 2003128	A	Black fibrous tar w/ gray fibrous perlitic material	100		ND	60	40
RM02-02	EM 2003129	A	Black fibrous tar w/ gray fibrous perlitic material	100		ND	70	30
RM02-03	EM 2003130	A	Black fibrous tar	100		ND	45	55
RC01-01	EM 2003131	A	White caulk w/ pink/multi-colored paint	100		ND	0	100
RC01-02	EM 2003132	A	White caulk w/ pink/multi-colored paint	100		ND	0	100
RC01-03	EM 2003133	A	White caulk w/ pink/multi-colored paint	100		ND	0	100
FL01-01	EM 2003134	A	Black fibrous tar w/ pink paint	100	Chrysotile	7	8	85
FL01-02	EM 2003135	A	Black/gray fibrous tar	100		ND	10	90
FL01-03	EM 2003136	A	Black/gray fibrous tar	20		ND	8	92
			Black fibrous tar w/ pink/multi-colored paint	80	Chrysotile	10	0	90
FL02-01	EM 2003137	A	Black tar w/ pink paint	100	Chrysotile	7	0	93

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
FL02-02	EM 2003138	A	Black tar w/ pink paint	100	Chrysotile	7	0	93
FL02-03	EM 2003139	A	Black tar w/ pink paint	100	Chrysotile	7	0	93
CON01-01	EM 2003140	A	Gray granular cementitious material	100		ND	0	100
CON01-02	EM 2003141	A	Black resinous material w/ off white fibrous woven material	3		ND	8	92
		B	Gray granular cementitious material	97		ND	0	100
CON01-03	EM 2003142	A	Gray/tan granular cementitious material	100		ND	0	100
CON01-04	EM 2003143	A	Gray granular cementitious material	100		ND	0	100
CON01-05	EM 2003144	A	Gray granular cementitious material	100		ND	0	100
CON03-01	EM 2003145	A	Red/gray granular cementitious material	100		ND	0	100
CON03-02	EM 2003146	A	Red/gray granular cementitious material	100		ND	0	100
CON03-03	EM 2003147	A	Red/gray granular cementitious material	100		ND	0	100
BMTR-01	EM 2003148	A	White/tan mortar	10		ND	0	100
		B	Red brick	90		ND	0	100

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
BMTR-02	EM 2003149	A	White/tan mortar	25		ND	0	100
		B	Red brick	75		ND	0	100
BMTR-03	EM 2003150	A	White/tan mortar	50		ND	0	100
		B	Red/brown brick	50		ND	0	100
BMTR-04	EM 2003151	A	White/tan mortar	20		ND	0	100
		B	Brown/multi-colored brick	80		ND	0	100
BMTR-05	EM 2003152	A	White/tan mortar	10		ND	0	100
		B	Brown/multi-colored brick	90		ND	0	100

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.



Brianne Neumann

Analyst



Liu Wenlong

Analyst / Data QA

Due Date: 1-12-19
 Due Time: _____

RES 398309

REILAB Reservoirs Environmental, Inc.
 5801 Logan St, Denver, CO 80216 • Ph: 303-964-1986 • Fax 303-477-4275 • Toll Free 866-RESI-ENV

After Hours Cell Phone: 720-339-9228

INVOICE TO: (IF DIFFERENT)

Company: Playon Environmental Inc
 Address: 9100 W. Jewell Ave
Lake wood CO 80232

CONTACT INFORMATION:

Contact: Deborah Fernandez
 Phone: _____
 Fax: _____
 Cell pager: 970.310.1217

Project Number and/or P.O. #: 11279004.8051
 Project Description/Location: 2615 E 46th Ave Denver CO
 Final Data Deliverable Email Address: fernandez@playon-env.com

ASBESTOS LABORATORY HOURS: Weekdays: 7am - 7pm & Sat. 8am - 5pm
 P/LM / PCM / TEM _____ RUSH (Same Day) _____ PRIORITY (Next Day) _____ STANDARD (3-5 Day)
 (Rush PCM = 2hr, TEM = 6hr.)

CHEMISTRY LABORATORY HOURS: Weekdays: 8am - 5pm
 Metal(s) / Dust** _____ RUSH _____ 24 hr. _____ 3-5 Day
 RCRA 8 / Metals & Welding _____ RUSH (3 Day) _____ 5 Day _____ 10 Day
 Fume Scan / TCLP** _____ RUSH _____ 24 hr. _____ 3 day _____ 5 Day
 Organics _____ 24 hr. _____ 3 day _____ 5 Day

MICROBIOLOGY LABORATORY HOURS: Weekdays: 9am - 6pm
 E.coli and/or Coliforms* _____ 24-48 Hour Other: _____
 Pathogens* _____ 24-48 Hour *TAT dependent on speed of
 Microbial Growth* _____ 5-10 Day microbial growth.
 Legionella _____ 10 Day
 Mold _____ RUSH _____ 24 Hr _____ 48 Hr _____ 3 Day _____ 5 Day

Turnaround times establish a laboratory priority, subject to laboratory volume and are not guaranteed. Additional fees apply for afterhours, weekends and holidays.

Special Instructions: 3 day -

Client sample ID number (Sample ID's must be unique)

- 1 Rm01-01
- 2 Rm01-02
- 3 Rm01-03
- 4 Rm01-04
- 5 Rm01-05
- 6 Rm01-06
- 7 Rm02-01
- 8 Rm02-02
- 9 Rm02-03
- 10 RC01-01

Number of samples received: (31)

NOTE: REI will analyze incoming samples based on information received and will not be responsible for errors or omissions in calculations resulting from the inaccuracy of original data. By signing client/company representative agrees that submission of the following samples for requested analysis as indicated on this Chain of Custody shall constitute an analytical services agreement with payment terms of NET 30 days. Failure to comply with payment terms may result in a 1.5% monthly interest surcharge.

(Additional samples shall be listed on attached long form.)

REQUESTED ANALYSIS	MICROBIOLOGY	SAMPLER'S INITIALS OR OTHER NOTES:	VALID MATRIX CODES	LAB NOTES:
PLM - Short report, Point Count, Long report, Qualitative TEM - AHERA Level II, 7402, ISO, +/- (Air, Bulk or Dust), Quant, Semi-Quant, Micro-vac, ISO-Indirect Preps PCM - 7400A, 7400B, OSHA DUST - Total, Respirable METALS - Analyte(s) RCRA 8, TCLP, Welding Fume, Metals Scan, pH ORGANICS - METH, TSS Pathogens: Aerobic Plate Count, Salmonella, E. coli, Staph, Listeria, S aureus, Campylobacter, +/- or Quantification E. coli and/or Coliforms: +/- or Quantification State Water (Please Circle One) Yes / No Bacteria Fungal: +/- or Quantification Legionella: +/- or Quantification Other: Bioburden, LAL or Environmental Mold: Spore Trap or Bulk: +/-, Identification, Quantification, Viable or Non-Viable	Viabiles Microbial Growth: Aerobic Plate Count ID, Y & M or Bacteria Fungal, +/- or Quantification Legionella: +/- or Quantification Other: Bioburden, LAL or Environmental Mold: Spore Trap or Bulk: +/-, Identification, Quantification, Viable or Non-Viable	Air = A Bulk = B Dust = D Paint = P Soil = S Wipe = W Swab = SW F = Food Drinking Water = DW Waste Water = WW O = Other **ASTM E1792 approved wipe media only**	Sample Volume (L) / Area Matrix Code Date Collected mm/dd/yyyy Time Collected hh:mm am/pm EM Number (Laboratory Use Only)	
			B 12/20/17 AM 20031222 + new 530	

Relinquished By: M. Eulsam Date/Time: 1-9-18 2:40 Carrier: Hendri FedEx / UPS / USPS / Drop Box / Courier
 Laboratory Use Only
 Received By: _____ Date _____ Time _____ Initials _____
 Data Entry: _____ Phone Email Fax _____ Contact _____
 QA: _____ Phone Email Fax _____ Contact _____

Sample Condition: On Ice _____ Sealed _____ Intact _____
 Temp. (F°) _____ Yes / No _____ Yes / No _____

Date _____ Time _____ Initials _____
 Date _____ Time _____ Initials _____



January 19, 2018

Subcontract Number: NA
Laboratory Report: RES 399110-1
Project # / P.O. # 11279004.81
Project Description: Colonial Hotel

Deborah Fernandez
Pinyon Environmental Engineering
9100 West Jewell Ave. Suite 200
Lakewood CO 80232

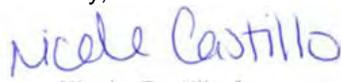
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Reservoirs Environmental, Inc. has analyzed the following samples for asbestos content as per your request. The analysis has been completed in general accordance with the appropriate methodology as stated in the attached analysis table. The results have been submitted to your office.

RES 399110-1 is the job number assigned to this study. This report is considered highly confidential and the sole property of the customer. Reservoirs Environmental, Inc. will not discuss any part of this study with personnel other than those of the client. The results described in this report only apply to the samples analyzed. This report must not be used to claim endorsement of products or analytical results by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without written approval from Reservoirs Environmental, Inc. Samples will be disposed of after sixty days unless longer storage is requested. If you have any questions about this report, please feel free to call 303-964-1986.

Sincerely,


Nicole Castillo for

Jeanne Spencer
President

RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

TABLE: PLM BULK ANALYSIS, PERCENTAGE COMPOSITION BY VOLUME

RES Job Number: **RES 399110-1**
 Client: **Pinyon Environmental Engineering**
 Client Project Number / P.O.: **11279004.81**
 Client Project Description: **Colonial Hotel**
 Date Samples Received: **January 18, 2018**
 Method: **EPA 600/R-93/116 - Short Report, Bulk**
 Turnaround: **2 Hour**
 Date Samples Analyzed: **January 19, 2018**

ND=None Detected
 TR=Trace, <1% Visual Estimate
 Trem/Act=Tremolite/Actinolite

Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
CA01-01	EM 2009342	A	Dark brown adhesive w/ off white paint	1		ND	0	100
		B	Black foam w/ off white paint	99		ND	0	100
CA01-02	EM 2009343	A	Dark brown adhesive w/ off white paint	1		ND	0	100
		B	Black foam w/ off white paint	99		ND	0	100
CA01-03	EM 2009344	A	Dark brown adhesive w/ off white paint	1		ND	0	100
		B	Black foam w/ off white paint	99		ND	0	100
CDW01-03	EM 2009345	A	White paint	16		ND	5	95
		B	Pink/green drywall	84		ND	45	55
CK01-01	EM 2009346	A	Gray caulk	100	Chrysotile	25	0	75
CK01-02	EM 2009347	A	Gray caulk	100	Chrysotile	25	0	75
CK01-03	EM 2009348	A	Gray caulk	100	Chrysotile	25	0	75
CON02-01	EM 2009349	A	Gray granular cementitious material w/ black material	100		ND	0	100
CON02-02	EM 2009350	A	Gray granular cementitious material	100		ND	0	100

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.

RESERVOIRS ENVIRONMENTAL INC.

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
CON02-03	EM 2009351	A	Gray granular cementitious material w/ tan/multi-layered paint	100		ND	TR	100
CTA01-01	EM 2009352	A	Light gray/multi-colored paint	2		ND	0	100
		B	Gray cementitious material	10		ND	0	100
		C	White/off white resinous compound	15		ND	0	100
		D	White-light gray ceramic tile	73		ND	0	100
CTA01-02	EM 2009353	A	Off white granular material	1		ND	0	100
		B	White-light gray ceramic tile	99		ND	0	100
CTA02-01	EM 2009354	A	White white grout	1		ND	0	100
		B	Gray cementitious material	3		ND	0	100
		C	Tan ceramic tile	96		ND	0	100
CTA02-02	EM 2009355	A	White grout	1		ND	0	100
		B	Tan ceramic tile	99		ND	0	100

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
CTA02-03	EM 2009356	A	Beige/multi-colored paint	1		ND	0	100
		B	Brown mastic	3		ND	0	100
		C	Gray-white ceramic tile	96		ND	0	100
CTA03-02	EM 2009357	A	Tan/green sheet vinyl w/ black fibrous backing	100		ND	50	50
CTA04-01	EM 2009358	A	White ceramic tile	100		ND	0	100
CTA04-02	EM 2009359	A	Black tar	10		ND	0	100
		B	Gray granular material	10		ND	0	100
		C	White ceramic tile	80		ND	0	100
CTA04-03	EM 2009360	A	Black tar	20		ND	0	100
		B	White ceramic tile	80		ND	0	100
CTA05-01	EM 2009361	A	Off white granular material	TR		ND	0	100
		B	Gray cementitious material	30		ND	0	100
		C	Off white ceramic tile	70		ND	0	100

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					Mineral	Visual Estimate (%)		
CTA06-01	EM 2009362	A	White grout	1		ND	0	100
		B	Off white granular material	5		ND	0	100
		C	Gray granular material	10		ND	0	100
		D	White ceramic material	84		ND	0	100
CTA16-01	EM 2009363	A	Light gray granular material	4		ND	0	100
		B	Gray granular material	4		ND	0	100
		C	Off white ceramic tile	92		ND	0	100
CTA16-02	EM 2009364	A	Light gray granular material	15		ND	0	100
		B	Grayish granular	15		ND	0	100
		C	Off white ceramic tile	70		ND	0	100
CTA16-03	EM 2009365	A	Light gray granular material	5		ND	0	100
		B	Gray granular material	5		ND	0	100
		C	Off white ceramic tile	90		ND	0	100

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					Mineral	Visual Estimate (%)		
CTA17-01	EM 2009366	A	Gray granular material	5		ND	0	100
		B	Light gray granular material	5		ND	0	100
		C	Gray/brown ceramic tile	90		ND	0	100
CTA17-02	EM 2009367	A	Gray grout	3		ND	0	100
		B	Light gray granular material	10		ND	0	100
		C	Gray granular material	15		ND	0	100
		D	Gray/brown ceramic tile	72		ND	0	100
CTA17-03	EM 2009368	A	Gray grout	5		ND	0	100
		B	Gray granular material	10		ND	0	100
		C	Gray/brown ceramic tile	35		ND	0	100
		D	Light gray granular material	50		ND	0	100

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					Mineral	Visual Estimate (%)		
DWT01-03	EM 2009369	A	White tape	10		ND	95	5
		B	White paint w/ white compound	15		ND	0	100
		C	White joint compound	15		ND	0	100
		D	Pink/green drywall	60		ND	35	65
GL01-01	EM 2009370	A	Gray glazing	25		ND	0	100
		B	Light gray-tan glazing	75	Chrysotile	3	0	97
GL01-02	EM 2009371	A	Light gray-off white glazing	100	Chrysotile	2	0	98
GL01-03	EM 2009372	A	Gray glazing	20		ND	0	100
		B	Light gray glazing	80	Chrysotile	3	0	97
INS01-01	EM 2009373	A	Black resinous tar w/ brown cork	100	Chrysotile	4	0	96
INS01-02	EM 2009374	A	Black resinous tar w/ brown cork & multi-colored paint debris	100	Chrysotile	3	0	97

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 Method: **EPA 600/R-93/116 - Short Report, Bulk**
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 Date Samples Analyzed: **January 19, 2018**

ND=None Detected
 TR=Trace, <1% Visual Estimate
 Trem/Act=Tremolite/Actinolite

Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
INS01-03	EM 2009375	A	Black foam	35		ND	0	100
		B	Black resinous tar w/ brown cork & multi-colored paint debris	65	Chrysotile	3	0	97
INS02-01	EM 2009376	A	Black tar	6		ND	0	100
		B	Gray insulation	94		ND	95	5
INS02-02	EM 2009377	A	Gray insulation	100		ND	95	5
INS02-03	EM 2009378	A	Gray insulation	100		ND	95	5
PL01-01	EM 2009379	A	Off white/multi-colored paint	8		ND	0	100
		B	Off white granular plaster	40		ND	0	100
		C	White plaster	52		ND	0	100
PL01-03	EM 2009380	A	Off white/multi-colored paint	5		ND	0	100
		B	Off white granular plaster	35		ND	TR	100
		C	White plaster	60		ND	0	100

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.

RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

TABLE: PLM BULK ANALYSIS, PERCENTAGE COMPOSITION BY VOLUME

RES Job Number: **RES 399110-1**
 Client: **Pinyon Environmental Engineering**
 Client Project Number / P.O.: **11279004.81**
 Client Project Description: **Colonial Hotel**
 Date Samples Received: **January 18, 2018**
 Method: **EPA 600/R-93/116 - Short Report, Bulk**
 Turnaround: **2 Hour**
 Date Samples Analyzed: **January 19, 2018**

ND=None Detected
 TR=Trace, <1% Visual Estimate
 Trem/Act=Tremolite/Actinolite

Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
PL02-01	EM 2009381	A	Tan paint	15		ND	0	100
		B	Tan foamy texture w/ white paint	85		ND	3	97
PL02-02	EM 2009382	A	Tan foamy texture w/ gray paint	8		ND	3	97
		B	White plaster w/ multi-colored paint	92		ND	0	100
PL02-03	EM 2009383	A	Tan foamy texture w/ gray paint	8		ND	3	97
		B	White plaster w/ multi-colored paint	92		ND	0	100
PL02-04	EM 2009384	A	Tan foamy texture w/ gray paint	12		ND	3	97
		B	White plaster w/ multi-colored paint	88		ND	0	100
PL02-05	EM 2009385	A	Off white foamy texture w/ gray paint	20		ND	3	97
		B	White plaster w/ multi-colored paint	30		ND	0	100
		C	Off white granular plaster	50		ND	TR	100

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NVLAP Lab Code 101896-0

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
PL02-06	EM 2009386	A	Off white foamy texture w/ white paint	20		ND	3	97
		B	Off white granular plaster	35		ND	TR	100
		C	White plaster w/ multi-colored paint	45		ND	0	100
PL02-07	EM 2009387	A	Off white foamy texture w/ white paint	30		ND	3	97
		B	White plaster w/ multi-colored paint	70		ND	0	100
PL03-01	EM 2009388	A	Off white/multi-colored paint	5		ND	0	100
		B	White plaster	40		ND	0	100
		C	Off white granular plaster	55		ND	TR	100
PL03-03	EM 2009389	A	Off white granular plaster	5		ND	TR	100
		B	Off white/multi-colored paint	15		ND	0	100
		C	White plaster	80		ND	0	100

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
PL03-04	EM 2009390	A	Off white/multi-colored paint	10		ND	0	100
		B	Off white granular plaster	25		ND	TR	100
		C	White plaster	65		ND	0	100
PL03-05	EM 2009391	A	Off white/multi-colored paint	8		ND	0	100
		B	White plaster	30		ND	0	100
		C	Off white granular plaster	62		ND	0	100
PL03-08	EM 2009392	A	Off white/multi-colored paint	7		ND	0	100
		B	White plaster	35		ND	0	100
		C	Off white granular plaster	58		ND	TR	100
SVF01-03	EM 2009393	A	Brown adhesive	1		ND	0	100
		B	Brown flooring	99		ND	10	90
SVF03-01	EM 2009394	A	Off white leveling compound	5		ND	0	100
		B	Tan/brown flooring w/ black felt & red resinous material	95		ND	40	60

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.

RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
SVF03-02	EM 2009395	A	Tan/brown flooring w/ black felt & red resinous material	100		ND	40	60
SVF03-03	EM 2009396	A	Tan/brown flooring w/ black felt & red resinous material	100		ND	40	60
TSI01-01	EM 2009397	A	Gray fibrous material	100	Chrysotile	70	15	15
TSI01-02	EM 2009398	A	Gray fibrous material	100	Chrysotile	70	15	15
TSI01-03	EM 2009399	A	Gray fibrous material	100	Chrysotile	70	15	15

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.



David E. Monagle

Analyst



Michael Scales Anita Grigg

Analyst

Analyst / Data QA

REILAB Reservoirs Environmental, Inc.
5801 Logan St Denver, CO 80216 • P: 303 964-1986 • Fax 303-477-4275 • Toll Free 866 RES-ENV
After Hours Cell Phone: 720-339-9228

Due Date: 1/19/2018
Due Time: NOON

INVOICE TO: (IF DIFFERENT)

CONTACT INFORMATION:

Company: Pinyon Environmental	Company: Deborah Fernandez
Address: 9100 W. Jewell Avenue, 200 Lakewood, CO 80232	Contact: Phone: _____ Fax: _____ Cellpager: _____
Project Number and/or P.O. #: 11279004.81	Final Data Deliverable Email Address: 970-310-1217
Project Description/Location: Colonial Hotel	fermandez@pinyon-env.com

ASBESTOS LABORATORY HOURS: Weekdays: 7am - 7pm & Sat. 8am - 5pm		VALID MATRIX CODES		LAB NOTES:
PLM / PCM / TEM	X ___ RUSH (Same Day) ___ PRIORITY (Next Day) ___ STANDARD (3-5 Day) (Rush PCM = 2hr, TEM = 6hr.)	Air = A	Bulk = B	
CHEMISTRY LABORATORY HOURS: Weekdays: 8am - 5pm		Dust = D	Paint = P	COC completed using information contained on the client sample bags and compiled with the consent of Deborah Fernandez 1/18/2018 7:10 PM
Metals / Dust** Rush 24 hr. ___ 3-5 Day Rush (3 Day) ___ 5 Day ___ 10 Day		Soil = S	Wipe = W	
RORA 8 / Metals & Welding Fume Scan / TCLP** Organics ___ 24 hr. ___ 3 day ___ 5 Day		Swab = SW	F = Food	
MICROBIOLOGY LABORATORY HOURS: Weekdays: 9am - 6pm		Drinking Water = DW	Waste Water = WW	
E.coli and/or Coliforms* ___ 24-48 Hour Other: _____		O = Other	**ASTM E1792 approved wipe media only**	
Pathogens* ___ 24-48 Hour Microbial Growth* ___ 5-10 Day Legionella ___ 10 Day		Sample Volume (L) / Area	Time Collected HH:mm a/p	
Mold ___ RUSH 24 Hr 48 Hr 3 Day 5 Day *TAT dependent on speed of microbial growth.*		# Containers	EM Number (Laboratory Use Only)	
Turnaround times establish a laboratory priority, subject to laboratory volume and are not guaranteed. Additional fees apply for afterhours, weekends and holidays.		Matrix Code		
Special Instructions:		Date Collected mm/dd/yy		
Client sample ID number (Sample ID's must be unique)				

PLM - Short report, Point Count, Long report, Qualitative	TEM - AHERA, Level II, 7402, ISO, +/- (Air, Bulk or Dust), Quant, Semi-Quant, Micro-vac, ISO-Indirect Preps	PCM - 7400A, 7400B, OSHA	DUST - Total, Respirable	METALS - Analyte(s) RCRA 8, TCLP, Welding Fume, Metals Scan, pH	ORGANICS - METH, TSS	Pathogens: Aerobic Plate Count, Salmonella, E.coli, O157:H7, Listeria, S.aureus, Campylobacter, +/- or Quantification	E.coli and/or Coliforms: +/- or Quantification State Water (Please Circle One) Yes / No	Microbial Growth: Aerobic Plate Count ID, Y & M or Bacteria, Fungal, +/- or Quantification	Legionella: +/- or Quantification	Other: Biorudon, LAL or Environmental	Mold: Spore Trap or Bulk: +/-, Identification, Quantification, Viable or Non-Viable	SAMPLER'S INITIALS OR OTHER NOTES:
X	X	X	X	X	X	X	X	X	X	X	X	
X	X	X	X	X	X	X	X	X	X	X	X	
X	X	X	X	X	X	X	X	X	X	X	X	
X	X	X	X	X	X	X	X	X	X	X	X	
X	X	X	X	X	X	X	X	X	X	X	X	
X	X	X	X	X	X	X	X	X	X	X	X	
X	X	X	X	X	X	X	X	X	X	X	X	
X	X	X	X	X	X	X	X	X	X	X	X	
X	X	X	X	X	X	X	X	X	X	X	X	

Number of samples received: 58 (Additional samples shall be listed on attached long form.)
NOTE: REI will analyze incoming samples based upon information received and will not be responsible for errors or omissions in calculations resulting from the inaccuracy of original data. By signing client/company representative agrees that submission of the following samples for requested analysis as indicated on this Chain of Custody shall constitute an analytical services agreement with payment terms of NET 30 days, failure to comply with payment terms may result in a 1.5% monthly interest surcharge.

Relinquished By: Laboratory Use Only Date Entry Contact QA: Contact	Carrier: Date Time Initials	Date/Time: Date Time Initials	Sample Condition: Temp. (F°) _____ On Ice Yes / No _____ Sealed Yes / No _____ Intact Yes / No _____
Phone Email Fax Contact	Phone Email Fax Contact	Phone Email Fax Contact	Time Time Time

Submitted by: Pinyon Environmental

Client sample ID number (Sample ID's must be unique)	REQUESTED ANALYSIS										VALID MATRIX CODES					LAB NOTES:		
	PLM - Short report, Long report, Point Count	TEM - AHERA, Level II, 7402, ISO, +/-, Quant, Semi-quant, Micro-vac, ISO-Indirect Preps	PCM - 7400A, 7400B, OSHA	DUST - Total, Respirable	METALS - Analyte(s) RCRA 8, TCLP, Welding Fume, Metals Scan	ORGANICS - METH	Pathogens: Aerobic Plate Count, Salmonella, E. coli O157:H7, Listeria, S. aureus, Campylobacter: +/- or Quantification	E. coli and/or Coliforms: +/- or Quantification	Microbial Growth: Aerobic Plate Count ID, Bacteria or Y & M: +/- or Quantification	Legionella: +/- or Quantification	Other: Bioburden, LAL or Environmental	Mold: Spore Trap or Bulk: +/- or Quantification	SAMPLER'S INITIALS OR OTHER NOTES:	Sample Volume (L) / Area	Matrix Code		# Containers	Date Collected mm/dd/yy
11	CTA01-01																	2009352
12	CTA01-02																	2009353
13	CTA02-01																	2009354
14	CTA02-02																	2009355
15	CTA02-03																	2009356
16	CTA03-02																	2009357
17	CTA04-01																	2009358
18	CTA04-02																	2009359
19	CTA04-03																	2009360
20	CTA05-01																	2009361
21	CTA06-01																	2009362
22	CTA16-01																	2009363
23	CTA16-02																	2009364
24	CTA16-03																	2009365
25	CTA17-01																	2009366
26	CTA17-02																	2009367
27	CTA17-03																	2009368
28	DWT01-03																	2009369
29	GL01-01																	2009370
30	GL01-02																	2009371
31	GL01-03																	2009372
32	INS01-01																	2009373
33	INS01-02																	2009374
34	INS01-03																	2009375
35	INS02-01																	2009376
36	INS02-02																	2009377
37	INS02-03																	2009378
38	PL01-01																	2009379
39	PL01-03																	2009380
40	PL02-01																	2009381
41	PL02-02																	2009382

RES Job # 399110 Page 3 of 3

Submitted by: Pinyon Environmental

Client sample ID number (Sample ID's must be unique)	REQUESTED ANALYSIS										VALID MATRIX CODES					LAB NOTES:		
	PLM - Short report, Long report, Point Count	TEM - AHERA, Level II, 7402, ISO, +/-, Quant, Semi-quant, Micro-vac, ISO-Indirect Preps	PCM - 7400A, 7400B, OSHA	DUST - Total, Respirable	METALS - Analyte(s) RCRA 8, TCLP, Welding Fume, Metals Scan	ORGANICS - METH	Pathogens: Aerobic Plate Count, Salmonella, E coli O157:H7, Listeria, S aureus, Campylobacter; +/- or Quantification	E.coli and/or Coliforms: +/- or Quantification	Microbial Growth: Aerobic Plate Count ID, Bacteria or Y & M: +/- or Quantification	Legionella: +/- or Quantification	Other: Biorburden, LAL or Environmental	Mold: Spore Trap or Bulk: +/- or Quantification	SAMPLER'S INITIALS OR OTHER NOTES:	Sample Volume (L) / Area	Matrix Code		# Containers	Date Collected mm/dd/yy
42	PL02-03	X																2009383
43	PL02-04	X																2009384
44	PL02-05	X																2009385
45	PL02-06	X																2009386
46	PL02-07	X																2009387
47	PL03-01	X																2009388
48	PL03-03	X																2009389
49	PL03-04	X																2009390
50	PL03-05	X																2009391
51	PL03-08	X																2009392
52	SVF01-03	X																2009393
53	SVF03-01	X																2009394
54	SVF03-02	X																2009395
55	SVF03-03	X																2009396
56	TSI01-01	X																2009397
57	TSI01-02	X																2009398
58	TSI01-03	X																2009399
59																		
60																		
61																		
62																		
63																		
64																		
65																		
66																		
67																		
68																		
69																		
70																		
71																		
72																		



January 20, 2018

Subcontract Number: NA
Laboratory Report: RES 399192-1
Project # / P.O. # 11279004.8051
Project Description: AP-66 Colonial Motel

Deborah Fernandez
Pinyon Environmental Engineering
9100 West Jewell Ave. Suite 200
Lakewood CO 80232

Dear Customer,

Reservoirs Environmental, Inc. is an analytical laboratory accredited for the analysis of Industrial Hygiene and Environmental matrices by the National Voluntary Laboratory Accreditation Program (NVLAP), Lab Code 101896-0 for Transmission Electron Microscopy (TEM) and Polarized Light Microscopy (PLM) analysis and the American Industrial Hygiene Association (AIHA), Lab ID 101533 - Accreditation Certificate #480 for Phase Contrast Microscopy (PCM) analysis. This laboratory is currently proficient in both Proficiency Testing and PAT programs respectively.

Reservoirs Environmental, Inc. has analyzed the following samples for asbestos content as per your request. The analysis has been completed in general accordance with the appropriate methodology as stated in the attached analysis table. The results have been submitted to your office.

RES 399192-1 is the job number assigned to this study. This report is considered highly confidential and the sole property of the customer. Reservoirs Environmental, Inc. will not discuss any part of this study with personnel other than those of the client. The results described in this report only apply to the samples analyzed. This report must not be used to claim endorsement of products or analytical results by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without written approval from Reservoirs Environmental, Inc. Samples will be disposed of after sixty days unless longer storage is requested. If you have any questions about this report, please feel free to call 303-964-1986.

Sincerely,

A handwritten signature in blue ink that reads "Elizabeth Martel". Below the signature, the name "Elizabeth Martel" is printed in a small, blue, sans-serif font.

Jeanne Spencer
President

RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

TABLE: PLM BULK ANALYSIS, PERCENTAGE COMPOSITION BY VOLUME

RES Job Number: **RES 399192-1**
 Client: **Pinyon Environmental Engineering**
 Client Project Number / P.O.: **11279004.8051**
 Client Project Description: **AP-66 Colonial Motel**
 Date Samples Received: **January 19, 2018**
 Method: **EPA 600/R-93/116 - Short Report, Bulk**
 Turnaround: **2 Hour**
 Date Samples Analyzed: **January 20, 2018**

ND=None Detected
 TR=Trace, <1% Visual Estimate
 Trem/Act=Tremolite/Actinolite

Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)	
					Mineral	Visual Estimate (%)			
DWT01-01	EM 2010159	A	Off white paint w/ a trace of white compound	10		ND	0	100	
			B	Off white/green/tan drywall	90		ND	25	75
DWT01-02	EM 2010160	A	Tan/green/off white drywall w/ off white paint	100		ND	70	30	
CDW01-01	EM 2010161	A	White fibrous woven material	5		ND	85	15	
			B	White compound w/ off white paint	15		ND	0	100
			C	Tan/green/off white drywall	80		ND	70	30
CDW01-02	EM 2010162	A	White fibrous woven material	5		ND	85	15	
			B	White compound w/ off white paint	30		ND	0	100
			C	Off white/green/tan drywall	65		ND	25	75
SVF01-01	EM 2010163	A	Brown adhesive	3		ND	0	100	
			B	Brown sheet vinyl w/ black fibrous backing material	97		ND	20	80
SVF02-01	EM 2010164	A	Brown adhesive	TR		ND	0	100	
			B	Brown sheet vinyl w/ black fibrous backing material	100		ND	20	80

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.

RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
SVF02-02	EM 2010165	A	Brown adhesive	10		ND	0	100
		B	Off white/yellow w/ gray fibrous backing material	90	Chrysotile	18	12	70
SVF02-03	EM 2010166	A	Brown adhesive	5		ND	0	100
		B	Off white/yellow sheet vinyl w/ gray fibrous backing material	95	Chrysotile	18	12	70
PL03-02	EM 2010167	A	Gray granular plaster	40		ND	TR	100
		B	White plaster w/ gray/multi-colored paint	60		ND	0	100
PL03-06	EM 2010168	A	Gray granular plaster	20		ND	0	100
		B	White plaster w/ off white/multi-colored paint	80		ND	0	100
PL03-07	EM 2010169	A	Light gray granular plaster	20		ND	0	100
		B	White plaster w/ off white/multi-layered paint	80		ND	0	100
PL03-09	EM 2010170	A	White plaster w/ white/multi-colored paint	40		ND	0	100
		B	Gray granular plaster	60		ND	0	100

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
CTA03-01	EM 2010171	A	Gray granular material	TR		ND	0	100
		B	Black/white ceramic tile	100		ND	0	100
CTA03-03	EM 2010172	A	Gray granular cementitious material	25		ND	0	100
		B	Black/white ceramic tile	75		ND	0	100
CTA05-02	EM 2010173	A	Tan material	TR		ND	0	100
		B	White grout	3		ND	0	100
		C	Beige/white ceramic tile	97		ND	0	100
CTA05-03	EM 2010174	A	Gray granular cementitious material	50		ND	0	100
		B	Yellow/white ceramic tile	50		ND	0	100
CTA06-02	EM 2010175	A	Tan grout	2		ND	0	100
		B	Brown mastic	3		ND	0	100
		C	Pink ceramic tile	95		ND	0	100
CTA06-03	EM 2010176	A	Gray granular cementitious material	5		ND	0	100
		B	Pink ceramic tile	95		ND	0	100

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NVLAP Lab Code 101896-0

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
CTA01-03	EM 2010177	A	Gray granular cementitious material	TR		ND	0	100
		B	White ceramic tile	100		ND	0	100
SVF02-01	EM 2010178	A	Yellow/white sheet vinyl w/ white fibrous backing material & brown mastic	100	Chrysotile	18	2	80
PL01-02	EM 2010179	A	Gray granular plaster	40		ND	TR	100
		B	White plaster w/ grayish white/multi-layered paint	60		ND	0	100
CTA03-04	EM 2010180	A	Light tan grout	1		ND	0	100
		B	Gray cementitious material	5		ND	0	100
		C	Light gray granular cementitious material	44		ND	0	100
		D	Black ceramic tile	50		ND	0	100
CTA06-04	EM 2010181	A	Tan paper w/ off white paint	6		ND	80	20
		B	Brown adhesive	9		ND	0	100
		C	Light pink ceramic tile	85		ND	0	100

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.

RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

TABLE: PLM BULK ANALYSIS, PERCENTAGE COMPOSITION BY VOLUME

RES Job Number: **RES 399192-1**
 Client: **Pinyon Environmental Engineering**
 Client Project Number / P.O.: **11279004.8051**
 Client Project Description: **AP-66 Colonial Motel**
 Date Samples Received: **January 19, 2018**
 Method: **EPA 600/R-93/116 - Short Report, Bulk**
 Turnaround: **2 Hour**
 Date Samples Analyzed: **January 20, 2018**

ND=None Detected
 TR=Trace, <1% Visual Estimate
 Trem/Act=Tremolite/Actinolite

Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
CTA08-01	EM 2010182	A	Tan paper w/ off white paint	1		ND	60	40
		B	White grout w/ white paint	1		ND	0	100
		C	Light gray granular material	2		ND	0	100
		D	White adhesive	7		ND	0	100
		E	White ceramic tile	89		ND	0	100
CTA08-02	EM 2010183	A	Colorless resinous material	5		ND	0	100
		B	White ceramic tile	95		ND	0	100
CTA08-03	EM 2010184	A	Colorless resinous material	5		ND	0	100
		B	White ceramic tile	95		ND	0	100
CTA09-01	EM 2010185	A	Gray cementitious material w/ gray granular cementitious material	5		ND	0	100
		B	Blue ceramic tile	95		ND	0	100

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RESERVOIRS ENVIRONMENTAL INC.

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
CTA09-02	EM 2010186	A	Gray cementitious material w/ gray granular cementitious material	3		ND	0	100
		B	Blue ceramic tile	97		ND	0	100
CTA09-03	EM 2010187	A	Gray cementitious material w/ gray granular cementitious material	3		ND	0	100
		B	Blue ceramic tile	97		ND	0	100
CTA10-01	EM 2010188	A	Gray cementitious material w/ gray granular cementitious material	7		ND	0	100
		B	Blue ceramic tile	93		ND	0	100
CTA10-02	EM 2010189	A	Gray cementitious material w/ gray granular cementitious material	35		ND	0	100
		B	Blue ceramic tile	65		ND	0	100

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
CTA10-03	EM 2010190	A	Gray cementitious material w/ gray granular cementitious material	3		ND	0	100
		B	Blue ceramic tile	97		ND	0	100
CTA11-01	EM 2010191	A	Gray cementitious material w/ gray granular cementitious material	3		ND	0	100
		B	Pink ceramic tile	97		ND	0	100
CTA11-02	EM 2010192	A	Gray cementitious material	3		ND	0	100
		B	Pink ceramic tile	97		ND	0	100
CTA11-03	EM 2010193	A	Gray cementitious material	2		ND	0	100
		B	Pink ceramic tile	98		ND	0	100
CTA12-01	EM 2010194	A	Gray cementitious material w/ gray granular cementitious material	25		ND	0	100
		B	Pink ceramic tile	75		ND	0	100

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
CTA12-02	EM 2010195	A	Gray cementitious material w/ gray granular cementitious material	20		ND	0	100
		B	Pink ceramic tile	80		ND	0	100
CTA12-03	EM 2010196	A	Gray cementitious material w/ gray granular cementitious material	5		ND	0	100
		B	Pink ceramic tile	95		ND	0	100
CTA14-01	EM 2010197	A	Tan ceramic tile	40		ND	0	100
		B	Gray granular cementitious material	60		ND	0	100
CTA14-02	EM 2010198	A	Tan ceramic tile	40		ND	0	100
		B	Gray granular cementitious material	60		ND	0	100
CTA14-03	EM 2010199	A	Gray cementitious material w/ gray granular cementitious material	30		ND	0	100
		B	Tan ceramic tile	70		ND	0	100

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
CTA15-01	EM 2010200	A	White grout	2		ND	0	100
		B	Brown mastic	4		ND	0	100
		C	White resinous material	7		ND	0	100
		D	Pink ceramic tile	87		ND	0	100
CTA15-02	EM 2010201	A	Gray granular cementitious material	10		ND	0	100
		B	Pink ceramic tile	90		ND	0	100
CTA15-03	EM 2010202	A	White grout	3		ND	0	100
		B	Gray granular cementitious material w/ gray cementitious material	22		ND	0	100
		C	Pink ceramic tile	75		ND	0	100
CTA18-01	EM 2010203	A	Gray granular cementitious material	15		ND	0	100
		B	Pink ceramic tile	85		ND	0	100

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
CTA18-02	EM 2010204	A	White/brown resinous material	12		ND	0	100
		B	Pink ceramic tile	88		ND	0	100
CTA18-03	EM 2010205	A	Gray cementitious material w/ gray granular cementitious material	30		ND	0	100
		B	Pink ceramic tile	70		ND	0	100
CTA19-01	EM 2010206	A	White resinous material	5		ND	0	100
		B	Pink ceramic tile	95		ND	0	100
CTA19-02	EM 2010207	A	Gray cementitious material	3		ND	0	100
		B	Pink ceramic tile	97		ND	0	100
CTA19-03	EM 2010208	A	Gray granular cementitious material	7		ND	0	100
		B	Pink ceramic tile	93		ND	0	100
CTA20-01	EM 2010209	A	Brown mastic	7		ND	0	100
		B	Grayish purple ceramic tile w/ white paint	93		ND	0	100

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)	
					Mineral	Visual Estimate (%)			
CTA20-02	EM 2010210	A	Brown mastic	5		ND	0	100	
			B	Grayish purple ceramic tile w/ white paint	95		ND	0	100
CTA20-03	EM 2010211	A	Brown mastic	6		ND	0	100	
			B	Grayish purple ceramic tile w/ white paint	94		ND	0	100
CTA21-01	EM 2010212	A	Gray grout	4		ND	0	100	
			B	Tan ceramic tile	96		ND	0	100
CTA21-02	EM 2010213	A	Gray grout	2		ND	0	100	
			B	White resinous material	3		ND	0	100
			C	Tan ceramic tile	95		ND	0	100
CTA21-03	EM 2010214	A	Gray grout	2		ND	0	100	
			B	Tan ceramic tile	98		ND	0	100
CTA22-01	EM 2010215	A	Gray cementitious material w/ gray granular cementitious material	7		ND	0	100	
			B	Grayish purple ceramic tile w/ white paint	93		ND	0	100

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
CTA22-02	EM 2010216	A	Gray cementitious material w/ gray granular cementitious material	15		ND	0	100
		B	Grayish purple ceramic tile w/ white paint	85		ND	0	100
CTA22-03	EM 2010217	A	Gray cementitious material w/ gray granular cementitious material	10		ND	0	100
		B	Grayish purple ceramic tile	90		ND	0	100
CK01-04	EM 2010218	A	Tan caulk	100	Chrysotile	25	0	75
CT02-01	EM 2010219	A	Brown mastic	8		ND	0	100
		B	White/tan ceiling tile	92		ND	80	20
CT02-02	EM 2010220	A	Brown mastic	5		ND	0	100
		B	White/tan ceiling tile	95		ND	80	20
CT02-03	EM 2010221	A	Brown mastic	3		ND	0	100
		B	White/tan ceiling tile	97		ND	80	20

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
DWT02-01	EM 2010222	A	Gray compound	5	Chrysotile	4	0	96
		B	Light gray/multi-colored paint	10		ND	0	100
		C	White tape	10		ND	95	5
		D	White joint compound	25	Chrysotile	4	0	96
		E	White/brown drywall	50		ND	35	65
DWT02-02	EM 2010223	A	White/brown drywall	100	Trem/Act	TR	15	85
DWT02-04	EM 2010224	A	Off white compound	1	Chrysotile	4	0	96
		B	White paint w/ white compound	5		ND	0	100
		C	Off white/pink paint	5		ND	0	100
		D	White/multi-colored paint w/ off white compound	15		ND	0	100
		E	White/brown drywall	74		ND	70	30

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
DWT02-03	EM 2010225	A	Off white compound	TR	Chrysotile	4	0	96
		B	White multi-layered paint w/ white compound	1		ND	0	100
		C	Off white/multi-colored paint w/ white compound	1		ND	0	100
		D	White/multi-colored paint	1		ND	0	100
		E	White/brown drywall	97		ND	15	85
DWT02-05	EM 2010226	A	Off white compound	TR	Chrysotile	4	0	96
		B	White multi-layered paint w/ white compound	1		ND	0	100
		C	Light gray/multi-colored paint	1		ND	0	100
		D	White/brown drywall	98	Trem/Act	TR	15	85
DWT02-06	EM 2010227	A	White/brown drywall w/ white multi-layered paint	100		ND	50	50

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
DWT02-07	EM 2010228	A	Off white compound	1	Chrysotile	4	0	96
		B	Pink/white paint	5		ND	0	100
		C	White/multi-colored paint w/ white compound	44		ND	0	100
		D	White/brown drywall	50		ND	50	50
CDW02-01	EM 2010229	A	Off white compound	1	Chrysotile	4	0	96
		B	White/brown drywall	99	Trem/Act	TR	15	85
CDW02-02	EM 2010230	A	White/multi-colored paint	5		ND	0	100
		B	Off white compound	5	Chrysotile	4	0	96
		C	Off white joint compound	5	Chrysotile	4	0	96
		D	White tape	15		ND	95	5
		E	White plaster	20		ND	0	100
		F	White/brown drywall	25		ND	0	100
		G	Tan granular plaster	25		ND	TR	100

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
CDW02-03	EM 2010231	A	Yellow resinous material	TR		ND	0	100
		B	White multi-layered paint w/ white texture	20		ND	0	100
		C	White/brown drywall w/ white/multi-colored paint	80		ND	50	50
CDW02-04	EM 2010232	A	Tan granular material	1		ND	0	100
		B	White plaster	9		ND	0	100
		C	Off white texture	15	Chrysotile	4	0	96
		D	White tape	15		ND	95	5
		E	White/multi-colored paint white	20		ND	0	100
		F	Off white joint compound	40	Chrysotile	4	0	96

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					Mineral	Visual Estimate (%)		
CDW02-05	EM 2010233	A	Green/multi-colored paint	1		ND	0	100
		B	White paint w/ white compound	2		ND	0	100
		C	White plaster	2		ND	0	100
		D	Tan compound	5	Chrysotile	5	0	95
		E	Off white compound	5	Chrysotile	5	0	95
		F	White woven material	10		ND	95	5
		G	White/multi-colored paint w/ off white compound	15		ND	0	100
		H	White compound	60		ND	0	100
CDW02-06	EM 2010234	A	White/multi-colored paint	1		ND	0	100
		B	Off white compound	1	Chrysotile	4	0	96
		C	White/multi-colored paint w/ white compound	2		ND	0	100
		D	White/brown drywall	96		ND	15	85

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					Mineral	Visual Estimate (%)		
CDW02-07	EM 2010235	A	Tan/white paint	1		ND	0	100
		B	Off white compound	1	Chrysotile	4	0	96
		C	Tan/white paint w/ off white compound	1		ND	0	100
		D	White/multi-colored paint w/ white coating	5		ND	0	100
		E	White/brown drywall	92	Trem/Act	TR	15	85
CDW02-08	EM 2010236	A	Off white/multi-colored paint	10		ND	0	100
		B	Off white compound	35	Chrysotile	4	0	96
		C	White/brown drywall	55	Trem/Act	TR	50	50
CDW01-04	EM 2010237	A	White woven tape	10		ND	95	5
		B	Gray paint w/ white compound	25		ND	0	100
		C	Pink/green drywall	65		ND	25	75

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
DWT04-01	EM 2010238	A	White plaster	TR		ND	0	100
		B	Tan granular plaster	10		ND	TR	100
		C	White/brown drywall	90		ND	15	85
DWT04-02	EM 2010239	A	White plaster	3		ND	0	100
		B	White/brown drywall	47		ND	15	85
		C	Tan granular plaster	50		ND	TR	100
DWT04-03	EM 2010240	A	White plaster	2		ND	0	100
		B	Tan granular plaster	45		ND	TR	100
		C	White/brown drywall	53		ND	15	85
GL01-04	EM 2010241	A	White glazing	100		ND	0	100
PL03-10	EM 2010242	A	Gray/multi-colored paint	10		ND	0	100
		B	White plaster	45		ND	0	100
		C	Tan granular plaster	45		ND	TR	100

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.

RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

TABLE: PLM BULK ANALYSIS, PERCENTAGE COMPOSITION BY VOLUME

RES Job Number: **RES 399192-1**
 Client: **Pinyon Environmental Engineering**
 Client Project Number / P.O.: **11279004.8051**
 Client Project Description: **AP-66 Colonial Motel**
 Date Samples Received: **January 19, 2018**
 Method: **EPA 600/R-93/116 - Short Report, Bulk**
 Turnaround: **2 Hour**
 Date Samples Analyzed: **January 20, 2018**

ND=None Detected
 TR=Trace, <1% Visual Estimate
 Trem/Act=Tremolite/Actinolite

Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
PL05-01	EM 2010243	A	Brown paper	10		ND	95	5
		B	Pink paint w/ white plaster	20		ND	0	100
		C	Gray granular plaster	70		ND	TR	100
PL05-02	EM 2010244	A	White plaster	20		ND	0	100
		B	Tan granular plaster	20		ND	TR	100
		C	Light gray/multi-colored paint	60		ND	0	100
PL05-03	EM 2010245	A	Light gray/multi-colored paint	5		ND	0	100
		B	White plaster	45		ND	0	100
		C	Gray granular plaster	50		ND	TR	100
PL05-04	EM 2010246	A	Brown paper	2		ND	95	5
		B	Light gray/multi-colored paint	3		ND	0	100
		C	White plaster	10		ND	0	100
		D	Gray granular plaster	85		ND	TR	100

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.

RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

TABLE: PLM BULK ANALYSIS, PERCENTAGE COMPOSITION BY VOLUME

RES Job Number: **RES 399192-1**
 Client: **Pinyon Environmental Engineering**
 Client Project Number / P.O.: **11279004.8051**
 Client Project Description: **AP-66 Colonial Motel**
 Date Samples Received: **January 19, 2018**
 Method: **EPA 600/R-93/116 - Short Report, Bulk**
 Turnaround: **2 Hour**
 Date Samples Analyzed: **January 20, 2018**

ND=None Detected
 TR=Trace, <1% Visual Estimate
 Trem/Act=Tremolite/Actinolite

Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
PL05-06	EM 2010247	A	White paint w/ white compound	2		ND	0	100
		B	White/multi-colored paint	10		ND	0	100
		C	White plaster	30		ND	0	100
		D	White/brown drywall	58		ND	15	85
PL05-07	EM 2010248	A	Brown paper	5		ND	95	5
		B	White plaster	45		ND	0	100
		C	Gray granular plaster	50		ND	TR	100
PL04-01	EM 2010249	A	White fibrous woven material	3		ND	90	10
		B	Tan granular plaster	22		ND	0	100
		C	Off white compound w/ white/tan paint	35		ND	0	100
		D	White plaster	40		ND	0	100
PL04-02	EM 2010250	A	Tan granular plaster	30		ND	0	100
		B	White plaster w/ tan paint	70		ND	0	100

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.

RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

TABLE: PLM BULK ANALYSIS, PERCENTAGE COMPOSITION BY VOLUME

RES Job Number: **RES 399192-1**
 Client: **Pinyon Environmental Engineering**
 Client Project Number / P.O.: **11279004.8051**
 Client Project Description: **AP-66 Colonial Motel**
 Date Samples Received: **January 19, 2018**
 Method: **EPA 600/R-93/116 - Short Report, Bulk**
 Turnaround: **2 Hour**
 Date Samples Analyzed: **January 20, 2018**

ND=None Detected
 TR=Trace, <1% Visual Estimate
 Trem/Act=Tremolite/Actinolite

Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
PL04-03	EM 2010251	A	Tan granular plaster	30		ND	0	100
			B	White plaster w/ tan paint	70		ND	0
PL06-01	EM 2010252	A	White/off white foamy texture	30		ND	3	97
			B	White/tan granular plaster w/ white/multi-colored paint	70		ND	0
SUC01-01	EM 2010253	A	Tan sink undercoating	100		ND	2	98
SUC01-02	EM 2010254	A	Tan sink undercoating	100		ND	2	98
SUC01-03	EM 2010255	A	White/tan sink undercoating	100		ND	2	98
VFT01-01	EM 2010256	A	Yellow sheet vinyl w/ black fibrous backing material	100		ND	28	72
VFT01-02	EM 2010257	A	Brown adhesive	TR		ND	0	100
			B	Yellow sheet vinyl w/ black fibrous backing material	100		ND	30
VFT02-01	EM 2010258	A	Off white paint	3		ND	0	100
			B	Brown floor tile	97	Chrysotile	8	0
VFT02-02	EM 2010259	A	Off white paint	2		ND	0	100
			B	Brown floor tile	98	Chrysotile	6	0

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.

RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

TABLE: PLM BULK ANALYSIS, PERCENTAGE COMPOSITION BY VOLUME

RES Job Number: **RES 399192-1**
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 Client Project Number / P.O.: **11279004.8051**
 Client Project Description: **AP-66 Colonial Motel**
 Date Samples Received: **January 19, 2018**
 Method: **EPA 600/R-93/116 - Short Report, Bulk**
 Turnaround: **2 Hour**
 Date Samples Analyzed: **January 20, 2018**

ND=None Detected
 TR=Trace, <1% Visual Estimate
 Trem/Act=Tremolite/Actinolite

Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
VFT02-03	EM 2010260	A	Off white paint	3	Chrysotile	ND	0	100
			B	Brown floor tile w/ off white paint		97	8	0
VFT03-01	EM 2010261	A	Tan adhesive	2		ND	0	100
			B	Gray floor tile		98	ND	0
VFT03-02	EM 2010262	A	Tan adhesive	2		ND	0	100
			B	Gray floor tile		98	ND	0
VFT03-03	EM 2010263	A	Tan adhesive	1		ND	0	100
			B	Gray floor tile		99	ND	0
VA01-01	EM 2010264	A	White sheet vinyl	45		ND	0	100
			B	Off white adhesive		55	ND	0
VA01-02	EM 2010265	A	Off white adhesive	100		ND	0	100
VA01-03	EM 2010266	A	Off white adhesive	100		ND	0	100

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.

RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

TABLE: PLM BULK ANALYSIS, PERCENTAGE COMPOSITION BY VOLUME

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 Client Project Description: **AP-66 Colonial Motel**
 Date Samples Received: **January 19, 2018**
 Method: **EPA 600/R-93/116 - Short Report, Bulk**
 Turnaround: **2 Hour**
 Date Samples Analyzed: **January 20, 2018**

ND=None Detected
 TR=Trace, <1% Visual Estimate
 Trem/Act=Tremolite/Actinolite

Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
WBA01-01	EM 2010267	A	Brown adhesive	5		ND	0	100
		B	Brown fibrous material	20		ND	50	50
		C	Black felt w/ white paint	20		ND	40	60
		D	Off white adhesive	55		ND	0	100
WBA01-02	EM 2010268	A	Off white adhesive	TR		ND	0	100
		B	Black felt w/ white paint	3		ND	40	60
		C	Off white adhesive	15		ND	0	100
		D	Brown/white fibrous material	82		ND	40	60
WBA01-03	EM 2010269	A	Black felt w/ white paint	TR		ND	40	60
		B	Off white adhesive	20		ND	0	100
		C	Brown/multi-colored fibrous material	80		ND	45	55

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.

RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

TABLE: PLM BULK ANALYSIS, PERCENTAGE COMPOSITION BY VOLUME

RES Job Number: **RES 399192-1**
 Client: **Pinyon Environmental Engineering**
 Client Project Number / P.O.: **11279004.8051**
 Client Project Description: **AP-66 Colonial Motel**
 Date Samples Received: **January 19, 2018**
 Method: **EPA 600/R-93/116 - Short Report, Bulk**
 Turnaround: **2 Hour**
 Date Samples Analyzed: **January 20, 2018**

ND=None Detected
 TR=Trace, <1% Visual Estimate
 Trem/Act=Tremolite/Actinolite

Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
PL05-05 (not on original coc)	EM 2010270	A	White plaster w/ white/multi-colored paint	10		ND	0	100
		B	Off white granular plaster	30		ND	TR	100
		C	White/tan drywall	60		ND	22	78

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.



Michael Scales

Analyst



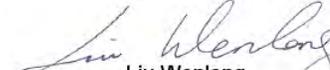
Daniel Erhard

Analyst



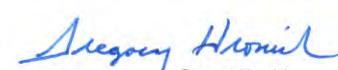
Anita Grigg

Analyst



Liu Wenlong

Analyst



Gregory Hronich

Analyst / Data QA

Due Date: 1-22-19
 Due Time:

REILAB Reservoirs Environmental, Inc.
 5801 Logan St. Denver, CO 80216 • Ph: 303 964-1986 • Fax 303-477-4275 • Toll Free 866-RES-ENV

RES 399192

After Hours Cell Phone: 720-339-9228

INVOICE TO: (IF DIFFERENT)

CONTACT INFORMATION:

Company <i>Pinjon Environmental Inc</i>	Contact <i>Deborah Fernandez</i>
Address <i>9100 W. Jewell Ave Lake wood CO 80232</i>	Phone <i>970.310.1217</i>
Project Number and/or P.O. #: <i>1879004.8051</i>	Fax:
Project Description/Location: <i>Ap-06 Colonial Motel</i>	Cell/pager:
Final Data Deliverable Email Address: <i>fernandez@pinjon-env.com</i>	

ASBESTOS LABORATORY HOURS: Weekdays: 7am - 7pm & Sat. 8am - 5pm
PLM / PCM / TEM RUSH (Same Day) ___ PRIORITY (Next Day) ___ STANDARD (3-5 Day)
 (Rush PCM = 2hr, TEM = 6hr.)

CHEMISTRY LABORATORY HOURS: Weekdays: 8am - 5pm
 Metal(s) / Dust** ___ RUSH ___ 24 hr. ___ 3-5 Day
 RCRA 8 / Metals & Welding ___ RUSH (3 Day) ___ 5 Day ___ 10 Day
 Furne Scan / TCLP** ___ 24 hr. ___ 3 day ___ 5 Day

MICROBIOLOGY LABORATORY HOURS: Weekdays: 9am - 6pm
 E.coli and/or Coliforms* ___ 24-48 Hour Other: ___
 Pathogens* ___ 24-48 Hour
 Microbial Growth* ___ 5-10 Day *TAT dependent on speed of
 Legionella ___ 10 Day microbial growth.*
 Mold ___ RUSH ___ 24 Hr ___ 48 Hr ___ 3 Day ___ 5 Day

Turnaround times establish a laboratory priority, subject to laboratory volume and are not guaranteed. Additional fees apply for afterhours, weekends and holidays.
 Special Instructions: *Monday - noon*

Client sample ID number (Sample ID's must be unique)	PLM - Short report, Point Count, Long report, Qualitative	TEM - AHERA, Level II, 7402, ISO, +/- (Air, Bulk or Dust), Quant, Semi-Quant, Micro-vac, ISO-Indirect Preps	PCM - 7400A, 7400B, OSHA	DUST - Total, Respirable	METALS - Analyte(s) RCRA 8, TCLP, Welding Fume, Metals Scan, pH	ORGANICS - METH, TSS	Pathogens: Aerobic Plate Count, Salmonella, E. coli, O157:H7, Listeria, S.aureus, Campylobacter, +/- or Quantification	E.coli and/or Coliforms: +/- or Quantification State Water (Please Circle One) Yes / No	Microbial Growth: Aerobic Plate Count ID, Y & M or Bacteria, Fungal, +/- or Quantification	Legionella +/- or Quantification	Other: Bioburden, LAL or Environmental	Mold: Spore Trap or Bulk: +/-, Identification, Quantification, Viable or Non-Viable	SAMPLER'S INITIALS OR OTHER NOTES:	VALID MATRIX CODES Air = A Bulk = B Dust = D Paint = P Wipe = W Soil = S Swab = SW Drinking Water = DW Waste Water = WW O = Other **ASTM E1792 approved wipe media only**	LAB NOTES:
1 DWT01-01	X														
2 DWT01-02	X														
3 CDW01-01	X														
4 CDW01-02	X														
5 SVF01-02	X														
6 SVF01-01	X														
7 SVF02-02	X														
8 SVF02-03	X														
9 PL03-02	X														
10 PL03-06	X														

Number of samples received: *112* (Additional samples shall be listed on attached long form.)
 NOTE: REI will analyze incoming samples based upon information received and will not be responsible for errors or omissions in calculations resulting from the inaccuracy of original data. By signing client/company representative agrees that submission of the following samples for requested analysis as indicated on this Chain of Custody shall constitute an analytical services agreement with payment terms of NET 30 days. Failure to comply with payment terms may result in a 1.5% monthly interest surcharge.

Relinquished By: *[Signature]* Date/Time: *01/19/18*

Laboratory Use Only
 Received By: *Elizabeth Martel* Date/Time: *1-19-18*

Contact	Phone Email Fax	Date	Time	Initials
Contact	Phone Email Fax	Date	Time	Initials

Sample Condition:	On Ice	Sealed	Intact
Temp. (F°)	Yes / No	Yes / No	Yes / No
Date	Time	Date	Time
Phone Email Fax	Phone Email Fax	Phone Email Fax	Phone Email Fax

399192
 Job # 112790048051
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REILAB Reservoirs Environmental, Inc.
 5001 Logan St. Denver, CO 80216 • Ph: 303 964-1986 • Fax 303-477-4275 • Toll Free 866 RES-ENV
 After Hours Cell Phone: 720-339-9228

SUBMITTED BY: Company: Pinyon Environmental Inc
 Address: 9100 W. Jewell Ave
Lake wood CO 80232
 Project Number and/or P.O. #: 11279004.8051
 Project Description/Location:

INVOICE TO: (IF DIFFERENT)
 Company: _____
 Address: _____

CONTACT INFORMATION:
 Contact: Deborah Fernandez
 Phone: _____ Fax: _____ Cell/pager: _____
 Final Data Deliverable Email Address: fernandez@pinyon-env.com
 Cell/pager: 970.310.1217

REQUESTED ANALYSIS		VALID MATRIX CODES		LAB NOTES:	
ASBESTOS LABORATORY HOURS: Weekdays: 7am - 7pm & Sat. 8am - 5pm	PLM / PCM / TEM <input checked="" type="checkbox"/> PRIORITY (Next Day) ___ STANDARD (3-5 Day) (Rush PCM = 2hr, TEM = 6hr.)	Air = A Bulk = B Dust = D Paint = P Soil = S Wipe = W	Bulk = B Paint = P Wipe = W		
CHEMISTRY LABORATORY HOURS: Weekdays: 8am - 5pm	Metal(s) / Dust** RUSH ___ 24 hr. ___ 3-5 Day RUSH (3 Day) ___ 5 Day ___ 10 Day RUSH ___ 24 hr. ___ 3 day ___ 5 Day	Swab = SW Drinking Water = DW Waste Water = WW O = Other	F = Food		
MICROBIOLOGY LABORATORY HOURS: Weekdays: 9am - 6pm	E.coli and/or Coliforms* 24-48 Hour Other: _____ Pathogens* 24-48 Hour Microbial Growth* 5-10 Day Legionella 10 Day Mold RUSH 24 Hr 48 Hr 3 Day 5 Day	**ASTM E1792 approved wipe media only**			
Special Instructions:	PLM - Short report. Point Count. Long report. Qualitative TEM - AHERA, Level II, 7402, ISO, +/- (Air, Bulk or Dust), Quant, Semi-Quant, Micro-vac, ISO-Indirect Preps PCM - 7400A, 7400B, OSHA DUST - Total, Respirable METALS - Analyte(s) RCRA 8, TCLP, Welding Fume, Metals Scan, pH ORGANICS - METH, TSS Pathogens: Aerobic Plate Count, Salmonella, E.coli 0157:H7, Listeria, S aureus, Campylobacter, +/- or Quantification E.coli and/or Coliforms: +/- or Quantification State Water (Please Circle One) Yes / No Microbial Growth: Aerobic Plate Count ID, Y & M or Bacteria, Fungal, +/- or Quantification Legionella +/- or Quantification Other: Bioburden, LAL or Environmental Mold: Spore Trap or Bulk: +/-, Identification, Quantification, Viable or Non-Viable SAMPLER'S INITIALS OR OTHER NOTES:	Matrix Code	Date Collected mm/dd/yy	Time Collected hh:mm a/p	EM Number (Laboratory Use Only)
Client sample ID number (Sample ID's must be unique)	11 <u>PL03-07</u> 12 <u>PL03-09</u> 13 <u>CTA03-01</u> 14 <u>CTA03-03</u> 15 <u>CTA05-02</u> 16 <u>CTA05-03</u> 17 <u>CTA06-02</u> 18 <u>CTA06-03</u> 19 <u>CTA01-03</u> 20 <u>SVF02-01</u>	Sample Volume (L) / Area			<u>970-233928</u>

Number of samples received: _____ (Additional samples shall be listed on attached long form.)
 NOTE: REI will analyze incoming samples based upon information received and will not be responsible for errors or omissions in calculations resulting from the inaccuracy of original data. By signing client/company representative agrees that submission of the following samples for requested analysis as indicated on this Chain of Custody shall constitute an analytical services agreement with payment terms of NET 30 days. Failure to comply with payment terms may result in a 1.5% monthly interest surcharge.

Relinquished By: _____ Date/Time: 1/17/18

Carrier: _____ Box / Courier

Sample Condition:	On Ice	Sealed	Intact
Temp. (F°)	Yes / No	Yes / No	Yes / No
Hand / FedEx / UPS / USPS / Drop			
Phone Email Fax	Phone Email Fax	Phone Email Fax	Phone Email Fax
Contact	Contact	Contact	Contact
Time	Time	Time	Time
Initials	Initials	Initials	Initials

399192
 Job # 11279004.8051
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REILAB Reservoirs Environmental, Inc.
 5801 Logan St. Denver, CO 80216 • Ph: 303 964-1986 • Fax 303-477-4275 • Toll Free 866 RES-ENV
 After Hours Cell Phone: 720-339-9228

Due Date: _____
 Due Time: _____

INVOICE TO: (IF DIFFERENT)
 Company: Pinyon Environmental Inc
 Address: 9100 W. Jewell Ave
Lake wood CO 80282

SUBMITTED BY: _____

Project Number and/or P.O. #: 11279004.8051
 Project Description/Location: _____
 Final Data Deliverable Email Address: fernandez@pinyon-env.com
 CONTACT INFORMATION:
 Contact: Deborah Fernandez
 Phone: _____ Fax: _____ Cell/pager: _____

ASBESTOS LABORATORY HOURS: Weekdays: 7am - 7pm & Sat. 8am - 5pm	VALID MATRIX CODES	LAB NOTES:
PLM / PCM / TEM <input checked="" type="checkbox"/> RUSH (Same Day) ___ PRIORITY (Next Day) ___ STANDARD (3-5 Day) (Rush PCM = 2hr, TEM = 6hr.) CHEMISTRY LABORATORY HOURS: Weekdays: 8am - 5pm Metal(s) / Dust** ___ RUSH ___ 24 hr. ___ 3-5 Day RCRA 8 / Metals & Welding ___ RUSH (3 Day) ___ 5 Day ___ 10 Day Fume Scan / TCLP** ___ RUSH ___ 24 hr. ___ 3 day ___ 5 Day MICROBIOLOGY LABORATORY HOURS: Weekdays: 9am - 6pm E.coli and/or Coliforms* ___ 24-48 Hour Other: _____ Pathogens* ___ 24-48 Hour Microbial Growth* ___ 5-10 Day *TAT dependent on speed of Legionella ___ 10 Day microbial growth.* Mold ___ RUSH ___ 24 Hr ___ 48 Hr ___ 3 Day ___ 5 Day ***Turnaround times establish a laboratory priority, subject to laboratory volume and are not guaranteed. Additional fees apply for afterhours, weekends and holidays.** Special Instructions: _____ Client sample ID number (Sample ID's must be unique) 21 <u>PL01-02</u> 22 <u>CTA03-04</u> 23 <u>CTA06-04</u> 24 <u>CTA08-01</u> 25 <u>CTA08-02</u> 26 <u>CTA08-03</u> 27 <u>CTA09-01</u> 28 <u>CTA09-02</u> 29 <u>CTA09-03</u> 30 <u>CTA10-01</u>	Air = A Bulk = B Dust = D Paint = P Soil = S Wipe = W Swab = SW F = Food Drinking Water = DW Waste Water = WW O = Other **ASTM E1792 approved wipe media only**	EM Number (Laboratory Use Only) <u>905-231-80</u>
REQUESTED ANALYSIS MICROBIOLOGY Pathogens: Aerobic Plate Count, Salmonella, E. coli O157:H7, Listeria, S.aureus, Campylobacter +/- or E. coli and/or Coliforms: +/- or Quantification State Water (Please Circle One) Yes / No Bacteria, Fungal +/- or Quantification Legionella: +/- or Quantification Other: Bioburden, Lal or Environmental Mold: Spore Trap or Bulk: +/-, Identification, Quantification, Viable or Non-Viable SAMPLER'S INITIALS OR OTHER NOTES:	ORGANICS - METH, TSS RCRA 8, TCLP, Welding Fume, Metals Scan, pH METALS - Analyte(s) DUST - Total, Respirable PCM - 7400A, 7400B, OSHA Quant, Semi-Quant, Micro-vac, ISO-Indirect Preps TEM - AHERA, Level II, 7402, ISO +/- (Air, Bulk or Dust), Quant, Semi-Quant, Micro-vac, ISO-Indirect Preps PLM - Short report, Point Count, Long report, Qualitative	Sample Volume (L) / Area Matrix Code Date Collected mm/dd/yyyy Time Collected hh:mm:ap On Ice Yes / No Sealed Yes / No Intact Yes / No

Number of samples received: _____ (Additional samples shall be listed on attached long form.)
 NOTE: REI will analyze incoming samples based upon information received and will not be responsible for errors or omissions in calculations resulting from the inaccuracy of original data. By signing client/company representative agrees that submission of the following samples for requested analysis as indicated on this Chain of Custody shall constitute an analytical services agreement with payment terms of NET 30 days. Failure to comply with payment terms may result in a 1.5% monthly interest surcharge.

Relinquished By: [Signature] Date/Time: 01/19/18
 Laboratory Use Only
 Received By: _____ Date/Time: _____
 Carrier: _____
 Contact: _____ Phone Email Fax: _____
 Contact: _____ Phone Email Fax: _____
 Initials: _____ Date: _____
 Initials: _____ Date: _____

RES Job # 399192 Page 5 of

Submitted by: Deborah Fernandez

Client sample ID number (Sample ID's must be unique)	REQUESTED ANALYSIS	VALID MATRIX CODES	LAB NOTES:
62 11 CT02-02	PLM - Short report, Long report, Point Count	Air = A	20-NMTHS-058-NMTHS005-JO - NMTHS T005
63 12 CT02-03	TEM - AHERA, Level II, 7402, ISO, +/-, Quant, Semi-quant, Micro-vac, ISO-Indirect Preps	Dust = D	
64 13 DWT02-01	PCD - 7400A, 7400B, OSHA	Soil = S	
65 14 DWT02-02	DUST - Total, Respirable	Swab = SW	
66 15 DWT02-04	METALS - Analyte(s)	Drinking Water = DW	
67 16 DWT02-03	RCRA 8, TCLP, Welding Fume, Metals Scan	Waste Water = WW	
68 17 DWT02-05	ORGANICS - METH	O = Other	
69 18 DWT02-06	Pathogens: Aerobic Plate Count, Salmonella, E. coli, O157:H7, Listeria, S aureus, Campylobacter, +/- or Quantification	**ASTM E1792 approved wipe media only**	
70 19 DWT02-07	E. coli and/or Coliforms: +/- or Quantification		
71 20 CDW02-01	Microbial Growth: Aerobic Plate Count ID, Bacteria or Y & M: +/- or Quantification		
72 21 CDW02-02	Legionella: +/- or Quantification		
73 22 CDW02-03	Other: Bioterror, LAL or Environmental		
74 23 CDW02-04	Mold, Spore Trap or Bulk: +/- or Quantification		
75 24 CDW02-05	SAMPLER'S INITIALS OR OTHER NOTES:		
76 25 CDW02-06			
77 26 CDW02-07			
78 27 CDW02-08			
79 28 CDW01-04			
80 29 DWT04-01			
81 30 DWT04-02			
82 31 DWT04-03			
83 32 GL01-04			
84 33 PL03-10			
85 34 PL05-01			
86 35 PL05-02			
87 36 PL05-03			
88 37 PL05-04			
89 38 PL05-06			
90 39 PL05-07			
91 40 PL05-PL04-01			
92 41 PL04-02			



January 26, 2018

Subcontract Number: NA
Laboratory Report: RES 399324-1R
Project # / P.O. # 11279004.8051
Project Description: Colonial Motel

Deborah Fernandez
Pinyon Environmental Engineering
9100 West Jewell Ave. Suite 200
Lakewood CO 80232

Dear Customer,

Reservoirs Environmental, Inc. is an analytical laboratory accredited for the analysis of Industrial Hygiene and Environmental matrices by the National Voluntary Laboratory Accreditation Program (NVLAP), Lab Code 101896-0 for Transmission Electron Microscopy (TEM) and Polarized Light Microscopy (PLM) analysis and the American Industrial Hygiene Association (AIHA), Lab ID 101533 - Accreditation Certificate #480 for Phase Contrast Microscopy (PCM) analysis. This laboratory is currently proficient in both Proficiency Testing and PAT programs respectively.

Reservoirs Environmental, Inc. has analyzed the following samples for asbestos content as per your request. The analysis has been completed in general accordance with the appropriate methodology as stated in the attached analysis table. The results have been submitted to your office.

RES 399324-1R is the job number assigned to this study. This report is considered highly confidential and the sole property of the customer. Reservoirs Environmental, Inc. will not discuss any part of this study with personnel other than those of the client. The results described in this report only apply to the samples analyzed. This report must not be used to claim endorsement of products or analytical results by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without written approval from Reservoirs Environmental, Inc. Samples will be disposed of after sixty days unless longer storage is requested. If you have any questions about this report, please feel free to call 303-964-1986.

Sincerely,

A handwritten signature in blue ink that reads "Elisa Mari". Below the signature, the text "Elisa Mari for" is printed in a smaller, blue, sans-serif font.

Jeanne Spencer
President

RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

TABLE: PLM BULK ANALYSIS, PERCENTAGE COMPOSITION BY VOLUME

RES Job Number: **RES 399324-1R**
 Client: **Pinyon Environmental Engineering**
 Client Project Number / P.O.: **11279004.8051**
 Client Project Description: **Colonial Motel**
 Date Samples Received: **January 22, 2018**
 Method: **EPA 600/R-93/116 - Short Report, Bulk**
 Turnaround: **2 Hour**
 Date Samples Analyzed: **January 26, 2018**

ND=None Detected
 TR=Trace, <1% Visual Estimate
 Trem/Act=Tremolite/Actinolite

Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
PL08-01	EM 2011200	A	White foamy texture w/ off white paint	10		ND	0	100
			B	White plaster w/ off white/multi-colored paint	90		ND	0
PL08-02	EM 2011201	A	White foamy texture w/ off white paint	15		ND	0	100
			B	White plaster w/ off white/multi-colored paint	85		ND	0
PL08-03	EM 2011202	A	White foamy texture w/ off white paint & yellow compound	30		ND	0	100
			B	White plaster w/ off white/multi-colored paint	70		ND	0
PL08-04	EM 2011203	A	White foamy texture w/ off white/multi-colored paint	100		ND	0	100
PL08-05	EM 2011204	A	White plaster w/ off white/multi-colored paint	20		ND	0	100
			B	White foamy texture w/ off white paint	80		ND	0
PL08-06	EM 2011205	A	White foamy texture w/ off white/multi-colored paint	100		ND	0	100
PL08-07	EM 2011206	A	White plaster w/ off white/multi-colored paint	30		ND	0	100
			B	White foamy texture w/ off white paint	70		ND	0
PL08-08	EM 2011207	A	White plaster w/ off white/multi-colored paint	30		ND	0	100
			B	White foamy texture w/ off white paint	70		ND	0

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.

RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)	
					Mineral	Visual Estimate (%)			
PL09-01	EM 2011208	A	Off white granular plaster	30		ND	TR	100	
			B	White plaster w/ off white paint	70		ND	0	100
PL09-02	EM 2011209	A	Off white granular plaster	25		ND	TR	100	
			B	White plaster w/ off white/multi-colored paint	75		ND	0	100
PL09-03	EM 2011210	A	White compound w/ off white paint	10		ND	0	100	
			B	Off white granular plaster	20		ND	TR	100
			C	White plaster w/ off white paint	70		ND	0	100
PL09-04	EM 2011211	A	White compound w/ off white paint	15		ND	0	100	
			B	Off white plaster w/ off white/multi-colored paint	30		ND	0	100
			C	Off white granular plaster	55		ND	TR	100
PL09-05	EM 2011212	A	White compound w/ off white paint	15		ND	0	100	
			B	Off white granular plaster	25		ND	TR	100
			C	White plaster w/ off white/multi-colored paint	60		ND	0	100

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
PL09-06	EM 2011213	A	Off white granular plaster	20		ND	TR	100
		B	White compound w/ off white paint	30		ND	0	100
		C	White plaster w/ off white/multi-colored paint	50		ND	0	100
PL09-07	EM 2011214	A	Off white granular plaster	25		ND	TR	100
		B	White plaster w/ off white/multi-colored paint	75		ND	0	100
PL10-01	EM 2011215	A	Off white granular plaster	15		ND	TR	100
		B	White plaster w/ off white/multi-colored paint	40		ND	0	100
		C	Light pink/tan drywall	45		ND	20	80
PL10-02	EM 2011216	A	Off white granular plaster	5		ND	TR	100
		B	White plaster w/ off white/multi-colored paint	25		ND	0	100
		C	Light pink/tan drywall	70		ND	20	80

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
PL10-03	EM 2011217	A	White plaster w/ off white/multi-colored paint	20		ND	0	100
		B	Off white granular plaster	35		ND	TR	100
		C	Off white/tan drywall	45		ND	25	75
PL10-04	EM 2011218	A	White compound w/ off white paint	5		ND	0	100
		B	White plaster w/ off white paint	15		ND	0	100
		C	Off white/tan drywall	30		ND	24	76
		D	Off white granular plaster	50		ND	TR	100
PL10-05	EM 2011219	A	White plaster w/ off white/multi-colored paint	10		ND	0	100
		B	Off white/tan drywall	40		ND	25	75
		C	Off white granular plaster	50		ND	TR	100
PL10-06	EM 2011220	A	White plaster w/ off white/multi-colored paint	20		ND	0	100
		B	Off white granular plaster	30		ND	TR	100
		C	Off white/tan drywall	50		ND	20	80

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
PL10-07	EM 2011221	A	White plaster w/ off white/multi-colored paint	20		ND	0	100
		B	Off white granular plaster	30		ND	TR	100
		C	Off white/tan drywall	50		ND	24	76
PL10-08	EM 2011222	A	White plaster w/ off white/multi-colored paint	15		ND	0	100
		B	Off white granular plaster	35		ND	TR	100
		C	Off white/tan drywall	50		ND	25	75
DWT08-01	EM 2011223	A	Off white/tan drywall w/ light gray/multi-colored paint	100		ND	20	80
DWT08-02	EM 2011224	A	Off white/tan drywall w/ light gray/multi-colored paint	100		ND	20	80
DWT08-03	EM 2011225	A	Off white/tan drywall w/ light gray/multi-colored paint	100		ND	20	80
DWT08-04	EM 2011226	A	Off white/tan drywall w/ light gray/multi-colored paint	100		ND	20	80
DWT08-05	EM 2011227	A	White fibrous woven material	5		ND	95	5
		B	Light gray/multi-colored paint	10		ND	0	100
		C	Off white/tan drywall	85		ND	25	75
DWT08-06	EM 2011228	A	Off white/tan drywall w/ light gray/multi-colored paint	100		ND	25	75

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
DWT08-07	EM 2011229	A	Off white/tan drywall w/ light gray/multi-colored paint	100		ND	18	82
CDW08-01	EM 2011230	A	Off white/tan drywall w/ light gray/multi-colored paint	100		ND	20	80
CDW08-02	EM 2011231	A	White fibrous woven material	10		ND	95	5
		B	Light gray/multi-colored paint	15		ND	0	100
		C	Off white/tan drywall	75		ND	27	73
CDW08-03	EM 2011232	A	White texture w/ off white paint	10		ND	0	100
		B	Off white/multi-colored paint	10		ND	0	100
		C	White compound	20	Chrysotile	3	0	97
		D	White joint compound	20	Chrysotile	3	0	97
		E	White tape	40		ND	90	10

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
CDW08-04	EM 2011233	A	White texture w/ off white paint	5		ND	0	100
		B	Off white/multi-colored paint	5		ND	0	100
		C	White compound	10	Chrysotile	2	0	98
		D	White joint compound	15	Chrysotile	2	0	98
		E	White tape	25		ND	90	10
		F	Off white/tan drywall	40		ND	12	88
CDW08-05	EM 2011234	A	Off white/tan drywall w/ light gray/multi-colored paint	100		ND	22	78
CDW08-06	EM 2011235	A	Light gray/multi-colored paint	10		ND	0	100
		B	White tape	15		ND	90	10
		C	White joint compound	15	Chrysotile	2	0	98
		D	Off white/tan drywall	60		ND	40	60
CDW08-07	EM 2011236	A	Off white/tan drywall w/ light gray/multi-colored paint	100		ND	19	81

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RESERVOIRS ENVIRONMENTAL INC.

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
CTA24-01	EM 2011237	A	Tan adhesive	5		ND	0	100
		B	Gray granular material	7		ND	0	100
		C	White resinous material	8		ND	0	100
		D	White plaster	10		ND	0	100
		E	Off white ceramic tile	70		ND	0	100
CTA24-02	EM 2011238	A	Light gray granular resinous material	25		ND	0	100
		B	White ceramic tile	75		ND	0	100
CTA24-03	EM 2011239	A	Tan adhesive	4		ND	0	100
		B	Gray grout	6		ND	0	100
		C	Off white ceramic tile	90		ND	0	100
CTA25-01	EM 2011240	A	Off white/multi-colored floor tile	100		ND	0	100
CTA25-02	EM 2011241	A	Off white/multi-colored floor tile	100		ND	0	100
CTA25-03	EM 2011242	A	Off white/multi-colored floor tile	100		ND	0	100

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
CTA26-01	EM 2011243	A	Tan adhesive	10		ND	0	100
		B	Off white floor tile	90		ND	0	100
CTA26-02	EM 2011244	A	Off white grout	2		ND	0	100
		B	Tan adhesive	3		ND	0	100
		C	Tan floor tile	95		ND	0	100
CTA26-03	EM 2011245	A	White caulk	1		ND	0	100
		B	Tan adhesive	2		ND	0	100
		C	Off white grout	2		ND	0	100
		D	Gray grout	3		ND	0	100
		E	Tan floor tile	92		ND	0	100
VA02-01	EM 2011246	A	Tan adhesive	100		ND	0	100
VA02-02	EM 2011247	A	Tan adhesive	100		ND	0	100
VA02-03	EM 2011248	A	Tan adhesive	100		ND	0	100
TSI02-01	EM 2011249	A	White insulation	100	Chrysotile	85	5	10

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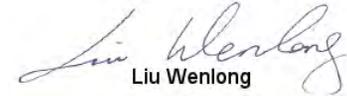
Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
TSI02-02	EM 2011250	A	White insulation	100	Chrysotile	85	5	10
TSI02-03	EM 2011251	A	White insulation	100	Chrysotile	85	5	10

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.



Daniel Erhard

Analyst



Liu Wenlong

Analyst / Data QA

Due Date: 1/22/18
 Due Time: _____

REILAB Reservoirs Environmental, Inc.
 5801 Logan St. Denver, CO 80226 • Ph: 303-964-1900 • Fax: 303-477-4275 • Toll Free: 866-RES-ENV
 After Hours Cell Phone: 720-339-9228

RES 399324

INVOICE TO: (IF DIFFERENT)

SUBMITTED BY: Company: Playon Environmental Inc
 Address: 9100 W. Jewell Ave
Lake wood CO 80232

CONTACT INFORMATION: Contact: Deborah Fernandez
 Phone: _____ Fax: _____
 Cell/Fax: 970.310.1217
 Final Data Deliverable Email Address: fernandez@playon-env.com

Project Number and/or P.O. #: 11279004.8051
 Project Description/Location: Colonial Motel

REQUESTED ANALYSIS	VALID MATRIX CODES	LAB NOTES:
ASBESTOS LABORATORY HOURS: Weekdays: 7am - 7pm & Sat. 8am - 5pm PLM/PCM / TEM <input checked="" type="checkbox"/> RUSH (Same Day) <input type="checkbox"/> PRIORITY (Next Day) <input type="checkbox"/> STANDARD (3-5 Day) (Rush PCM = 2hr, TEM = 6hr.) CHEMISTRY LABORATORY HOURS: Weekdays: 8am - 5pm Metal(s) / Dust** _____ RUSH _____ 24 hr. _____ 3-5 Day RCRA 8 / Metals & Welding _____ RUSH (3 Day) _____ 5 Day _____ 10 Day Fume Scan / TCLP** _____ RUSH _____ 24 hr. _____ 3 day _____ 5 Day MICROBIOLOGY LABORATORY HOURS: Weekdays: 9am - 6pm E.coli and/or Coliforms* _____ 24-48 Hour Other: _____ Pathogens* _____ 24-48 Hour *TAT dependent on speed of Microbial Growth* _____ 5-10 Day microbial growth. Legionella _____ 10 Day Mold _____ RUSH 24 Hr 48 Hr 3 Day 5 Day **Turnaround times establish a laboratory priority, subject to laboratory volume and are not guaranteed. Additional fees apply for afterhours, weekends and holidays.** Special Instructions: if <10%: point count	Air = A Bulk = B Dust = D Paint = P Soil = S Wipe = W Swab = SW F = Food Drinking Water = DW Waste Water = WW O = Other **ASTM E1792 approved wipe media only**	EM Number (Laboratory Use Only) <u>201206</u> <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>7</u> <u>8</u>
ORGANICS - METH, TSS METALS - Analyte(s) RCRA 8, TCLP, Welding Fume, Metals Scan, pH DUST - Total, Respirable PCM - 7400A, 7400B, OSHA Quant, Semi-Quant, Micro-vac, ISO-Indirect Preps TEM - AHERA, Level II, 7402, ISO +/- (Air, Bulk or Dust) PLM - Short report, Point Count, Long report, Qualitative	SAMPLER'S INITIALS OR OTHER NOTES: Mold: Spore Trap or Bulk: +/- Identification, Quantification, Viable or Non-Viable Other: Bioburden, LAL or Environmental Legionella +/- or Quantification Bacteria Fungal +/- or Quantification Microbial Growth: Aerobic Plate Count ID, Y & M or State Water (Please Circle One) Yes / No E.coli and/or Coliforms: +/- or Quantification Pathogens: Aerobic Plate Count, Salmonella, E.coli Quantification Listeria, Staphylococcus, Campylobacter +/- or Quantification	Sample Volume (L) / Area Date Collected mm/dd/yyyy Time Collected hh:mm:ap

Number of samples received: _____ (Additional samples shall be listed on attached long form.)
 NOTE: REI will analyze incoming samples based upon information received and will not be responsible for errors or omissions in calculations resulting from the inaccuracy of original data. By signing client/company representative agrees that submission of the following samples for requested analysis, as indicated on this Chain of Custody shall constitute an analytical services agreement with payment terms of NET 30 days. Failure to comply with payment terms may result in a 1.5% monthly interest surcharge.

Relinquished By: Reese Kristin Hill Date/Time: 1/22/18
Laboratory Use Only Maree Mack Date/Time: 1/22/18 4:00 Carrier: Hair / FedEx / UPS / USPS / Drop Box / Courier
Data Entry Contact: _____ Phone Email Fax: _____ Date: _____
QA: Contact: _____ Phone Email Fax: _____ Date: _____

Sample Condition: On Ice _____ Yes / No
 Temp. (F°) _____ Yes / No
 Sealed _____ Yes / No
 Intact _____ Yes / No

Time _____ Date _____
 Time _____ Date _____

RES Job # 399324 Page 3 of 3

Submitted by: Kristen Hill

Client sample ID number (Sample ID's must be unique)	REQUESTED ANALYSIS	SAMPLER'S INITIALS OR OTHER NOTES:	VALID MATRIX CODES	LAB NOTES:
11	PLM - Short report, Long report, Point Count		Air = A Bulk = B Dust = D Paint = P Soil = S Wipe = W Swab = SW F = Food Drinking Water = DW Waste Water = WW O = Other **ASTM E1792 approved wipe media only**	
12	TEM - AHERA, Level II, 7402, ISO +/-, Quant, Semi-quant, Micro-vac, ISO-Indirect Preps			
13	PCM - 7400A, 7400B, OSHA			
14	DUST - Total, Respirable			
15	METALS - Analyte(s) RCRA 8, TCLP, Welding Fume, Metals Scan			
16	ORGANICS - METH			
17	Pathogens: Aerobic Plate Count, Salmonella, E. coli O157:H7, Listeria, S aureus, Campylobacter +/- or Quantification			
18	E. coli and/or Coliforms: +/- or Quantification			
19	Microbial Growth: Aerobic Plate Count ID, Bacteria or Y & M: +/- or Quantification			
20	Legionella: +/- or Quantification			
21	Other: Bioburden, LAL or Environmental			
22	Mold: Spore Trap or Bulk: +/- or Quantification			
23	Time Collected hh:mm:ap			
24	Date Collected mm/dd/yyyy			
25	# Containers			
26	Matrix Code			
27	(L) / Area			
28	Sample Volume			
29	EM Number (Laboratory Use Only)			
30				
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40				
41				

41 23 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41



January 24, 2018

Subcontract Number: NA
Laboratory Report: RES 399459-1
Project # / P.O. # 11279004.8051
Project Description: 216E 46th Ave.

Deborah Fernandez
Pinyon Environmental Engineering
9100 West Jewell Ave. Suite 200
Lakewood CO 80232

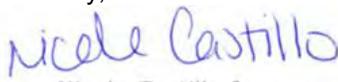
Dear Customer,

Reservoirs Environmental, Inc. is an analytical laboratory accredited for the analysis of Industrial Hygiene and Environmental matrices by the National Voluntary Laboratory Accreditation Program (NVLAP), Lab Code 101896-0 for Transmission Electron Microscopy (TEM) and Polarized Light Microscopy (PLM) analysis and the American Industrial Hygiene Association (AIHA), Lab ID 101533 - Accreditation Certificate #480 for Phase Contrast Microscopy (PCM) analysis. This laboratory is currently proficient in both Proficiency Testing and PAT programs respectively.

Reservoirs Environmental, Inc. has analyzed the following samples for asbestos content as per your request. The analysis has been completed in general accordance with the appropriate methodology as stated in the attached analysis table. The results have been submitted to your office.

RES 399459-1 is the job number assigned to this study. This report is considered highly confidential and the sole property of the customer. Reservoirs Environmental, Inc. will not discuss any part of this study with personnel other than those of the client. The results described in this report only apply to the samples analyzed. This report must not be used to claim endorsement of products or analytical results by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without written approval from Reservoirs Environmental, Inc. Samples will be disposed of after sixty days unless longer storage is requested. If you have any questions about this report, please feel free to call 303-964-1986.

Sincerely,


Nicole Castillo for

Jeanne Spencer
President

RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

TABLE: PLM BULK ANALYSIS, PERCENTAGE COMPOSITION BY VOLUME

RES Job Number: **RES 399459-1**
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 Client Project Number / P.O.: **11279004.8051**
 Client Project Description: **216E 46th Ave.**
 Date Samples Received: **January 23, 2018**
 Method: **EPA 600/R-93/116 - Short Report, Bulk**
 Turnaround: **2 Hour**
 Date Samples Analyzed: **January 24, 2018**

ND=None Detected
 TR=Trace, <1% Visual Estimate
 Trem/Act=Tremolite/Actinolite

Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
SVF08-01	EM 2012284	A	Tan adhesive	4		ND	0	100
		B	Gray/multi-colored sheet vinyl w/ off white fibrous backing material	96		ND	35	65
SVF08-02	EM 2012285	A	Tan adhesive	5		ND	0	100
		B	White compound w/ tan paint	15		ND	0	100
		C	Gray/multi-colored sheet vinyl w/ off white fibrous backing material	80		ND	25	75
SVF08-03	EM 2012286	A	Tan adhesive	5		ND	0	100
		B	Gray/multi-colored sheet vinyl w/ off white fibrous backing material	95		ND	25	75
SVF09-01	EM 2012287	A	Tan adhesive	2		ND	0	100
		B	Off white fibrous material	48		ND	12	88
		C	Green/multi-colored sheet vinyl w/ off white fibrous backing material	50		ND	25	75

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					Mineral	Visual Estimate (%)		
SVF09-02	EM 2012288	A	Tan adhesive	3		ND	0	100
		B	Green/multi-colored sheet vinyl w/ off white fibrous backing material	47		ND	25	75
		C	Off white fibrous material	50		ND	12	88
SVF09-03	EM 2012289	A	Tan adhesive	2		ND	0	100
		B	Off white fibrous material	48		ND	11	89
		C	Green/multi-colored sheet vinyl w/ off white fibrous backing material	50		ND	25	75
SVF10-01	EM 2012290	A	Tan adhesive	5		ND	0	100
		B	Green/multi-colored sheet vinyl w/ off white fibrous backing material	95		ND	25	75

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					Mineral	Visual Estimate (%)		
SVF10-02	EM 2012291	A	Black tar	8		ND	0	100
		B	Black fibrous tar	22		ND	15	85
		C	Green/multi-colored sheet vinyl w/ white fibrous backing material	70		ND	25	75
SVF10-03	EM 2012292	A	Tan adhesive	15		ND	0	100
		B	Green/multi-colored sheet vinyl w/ off white fibrous backing material	85		ND	25	75
SVF11-01	EM 2012293	A	Brown/multi-colored sheet vinyl w/ off white fibrous backing material	100		ND	25	75
SVF11-02	EM 2012294	A	Tan adhesive	TR		ND	0	100
		B	Brown/multi-colored sheet vinyl w/ off white fibrous backing material	100		ND	25	75

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					Mineral	Visual Estimate (%)		
SVF11-03	EM 2012295	A	Green/multi-colored sheet vinyl w/ off white fibrous backing material	10		ND	30	70
		B	White granular cementitious material	15		ND	0	100
		C	Brown/multi-colored sheet vinyl w/ off white fibrous backing material	75		ND	25	75
SVF12-01	EM 2012296	A	Tan fibrous material	35		ND	10	90
		B	Off white/multi-colored sheet vinyl w/ off white fibrous backing material	65		ND	12	88
SVF12-02	EM 2012297	A	Off white/multi-colored sheet vinyl w/ off white fibrous backing material	40		ND	12	88
		B	Tan fibrous material	60		ND	12	88
SVF12-03	EM 2012298	A	Off white/multi-colored sheet vinyl w/ off white fibrous backing material	40		ND	10	90
		B	Tan fibrous material	60		ND	11	89

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					Mineral	Visual Estimate (%)		
SVF13-01	EM 2012299	A	Tan wood	10		ND	90	10
		B	White adhesive	25		ND	0	100
		C	Tan/multi-colored sheet vinyl w/ off white fibrous backing material	65		ND	30	70
SVF13-02	EM 2012300	A	Gray leveling compound	3		ND	0	100
		B	White adhesive	20		ND	0	100
		C	Tan/multi-colored sheet vinyl w/ off white fibrous backing material	77		ND	25	75
SVF13-03	EM 2012301	A	Tan adhesive	1		ND	0	100
		B	White adhesive	4		ND	0	100
		C	Tan/multi-colored sheet vinyl w/ off white fibrous backing material	95		ND	25	75

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					Mineral	Visual Estimate (%)		
SVF14-01	EM 2012302	A	Gray fibrous material w/ blue/multi-colored paint	15		ND	90	10
		B	Yellow/multi-colored sheet vinyl w/ off white fibrous backing material	85	Chrysotile	25	5	70
SVF14-02	EM 2012303	A	Brown adhesive	5		ND	0	100
		B	Yellow/multi-colored sheet vinyl w/ off white fibrous backing material	95	Chrysotile	25	5	70
SVF14-03	EM 2012304	A	Brown adhesive	8		ND	0	100
		B	Yellow/multi-colored sheet vinyl w/ off white fibrous backing material	92	Chrysotile	25	5	70
CK06-01	EM 2012305	A	White caulk	2	Chrysotile	25	0	75
		B	White caulk	18		ND	0	100
		C	White caulk	40		ND	0	100
		D	White caulk w/ pink paint	40		ND	0	100

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					Mineral	Visual Estimate (%)		
CK06-02	EM 2012306	A	White foam	30		ND	0	100
		B	White caulk w/ pink paint	35		ND	0	100
		C	White caulk	35		ND	0	100
CK06-03	EM 2012307	A	White caulk w/ white paint	100		ND	0	100
CK06-04	EM 2012308	A	White caulk w/ white paint	100		ND	0	100
INS03-01	EM 2012309	A	Brown cork w/ black resinous tar & white paint	100	Chrysotile	TR	0	100
INS03-02	EM 2012310	A	Black foam w/ yellow paint	40		ND	0	100
		B	Brown cork w/ black resinous tar	60	Chrysotile	TR	TR	100
INS03-03	EM 2012311	A	Black foam w/ brown adhesive	100		ND	0	100
INS03-04	EM 2012312	A	Brown cork w/ black resinous tar & tan paint	100	Chrysotile	TR	5	95
RMI01-01	EM 2012313	A	Black fibrous tar w/ black tar	10		ND	20	80
		B	Gray shingle	40		ND	10	90
		C	Tan resinous material	50		ND	0	100

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					Mineral	Visual Estimate (%)		
RMI01-02	EM 2012314	A	Black/multi-colored shingle	100		ND	10	90
RMI01-03	EM 2012315	A	Black resinous tar	20		ND	8	92
		B	Gray shingle	80		ND	10	90
CBA01-01	EM 2012316	A	Orange adhesive	5		ND	0	100
		B	Brown cove base	95		ND	0	100
CBA01-02	EM 2012317	A	Orange adhesive	5		ND	0	100
		B	Brown cove base	95		ND	0	100
CBA01-03	EM 2012318	A	Off white adhesive	8		ND	0	100
		B	Tan cove base	92		ND	0	100
CBA02-01	EM 2012319	A	Brown adhesive	4		ND	0	100
		B	Black cove base	96		ND	0	100
CBA03-01	EM 2012320	A	Brown adhesive	3		ND	0	100
		B	Tan cove base	47		ND	0	100
		C	Green sheet vinyl w/ off white fibrous backing material	50	Chrysotile	8	2	90

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					Mineral	Visual Estimate (%)		
CBA03-02	EM 2012321	A	Brown adhesive	2		ND	0	100
		B	Tan cove base	45		ND	0	100
		C	Green sheet vinyl w/ off white fibrous backing material & brown adhesive	53	Chrysotile	17	3	80
CBA03-03	EM 2012322	A	White adhesive	2		ND	0	100
		B	Tan cove base	28		ND	0	100
		C	Green sheet vinyl w/ off white fibrous backing material	70	Chrysotile	8	2	90
SUC02-01	EM 2012323	A	Tan sink undercoating	100		ND	TR	100
SUC02-02	EM 2012324	A	Tan sink undercoating	100		ND	TR	100
SUC02-03	EM 2012325	A	Tan sink undercoating	100		ND	TR	100
CBA04-01	EM 2012326	A	Tan adhesive	3		ND	0	100
		B	Black cove base	97		ND	0	100
CBA04-02	EM 2012327	A	Tan adhesive	3		ND	0	100
		B	Black cove base	97		ND	0	100

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					Mineral	Visual Estimate (%)		
CBA04-03	EM 2012328	A	Tan adhesive	4		ND	0	100
		B	Black cove base	96		ND	0	100
CT01-01	EM 2012329	A	Dark brown adhesive	10		ND	0	100
		B	White/light brown ceiling tile	90		ND	80	20
CT01-02	EM 2012330	A	Dark brown adhesive	8		ND	0	100
		B	White/light brown ceiling tile	92		ND	80	20
CT01-03	EM 2012331	A	Dark brown adhesive	12		ND	0	100
		B	White/light brown ceiling tile	88		ND	85	15
CT01-04	EM 2012332	A	Dark brown adhesive	5		ND	0	100
		B	White/light brown ceiling tile	95		ND	85	15
BRK03-01	EM 2012333	A	Red brick	45		ND	0	100
		B	Gray mortar	55		ND	0	100
BRK03-02	EM 2012334	A	Gray mortar	40		ND	0	100
		B	Red brick	60		ND	0	100

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					Mineral	Visual Estimate (%)		
BRK03-03	EM 2012335	A	Gray mortar	30		ND	0	100
		B	Red brick	70		ND	0	100
VFT07-01	EM 2012336	A	Black foam	TR		ND	0	100
		B	Gray resinous material	TR		ND	0	100
		C	Off white resinous material	1		ND	0	100
		D	White resinous material	1		ND	0	100
		E	Tan/brown sheet vinyl w/ black fibrous backing	98		ND	50	50
VFT07-02	EM 2012337	A	Gray resinous	TR		ND	0	100
		B	White resinous material	TR		ND	0	100
		C	Yellow-off white resinous material	1		ND	0	100
		D	Tan/brown sheet vinyl w/ black fibrous backing	99		ND	50	50

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VFT07-03	EM 2012338	A	Black foam	TR		ND	0	100
		B	Yellow-off white resinous material	1		ND	0	100
		C	Gray resinous material	1		ND	0	100
		D	White resinous material	1		ND	0	100
		E	Tan/brown sheet vinyl w/ black fibrous backing	97		ND	50	50
VFT07-04	EM 2012339	A	Off white resinous material	TR		ND	0	100
		B	Gray resinous material	TR		ND	0	100
		C	Tan/brown sheet vinyl w/ black fibrous backing	100		ND	50	50
SVF14-01	EM 2012340		Sample Not Received.					
SVF14-02	EM 2012341		Sample Not Received.					
SVF14-03	EM 2012342		Sample Not Received.					

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PAN04-01	EM 2012343	A	Off white paint	10		ND	0	100
		B	Brown fibrous material	15		ND	95	5
		C	Gray resinous material	75		ND	0	100
PAN04-02	EM 2012344	A	White compound	2		ND	0	100
		B	Off white paint	10		ND	0	100
		C	Brown fibrous material	10		ND	95	5
		D	Gray resinous material	78		ND	0	100
PAN04-03	EM 2012345	A	Gray resinous material	30		ND	0	100
		B	Brown fibrous material	30		ND	95	5
		C	Gray/multi-colored paint	40		ND	0	100
DWT09-01	EM 2012346	A	Tan fiberboard w/ white paint	40		ND	90	10
		B	White/brown drywall w/ white/multi-colored paint	60		ND	15	85

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					Mineral	Visual Estimate (%)		
DWT09-02	EM 2012347	A	Tan fiberboard w/ white paint	30		ND	90	10
		B	White/brown drywall w/ white paint	70		ND	15	85
DWT09-03	EM 2012348	A	White/multi-colored paint	1	Chrysotile	ND	0	100
		B	White compound	2		3	0	97
		C	Brown fiberboard	47		ND	95	5
		D	White/brown drywall drywall	50		ND	15	85
DWT09-04	EM 2012349	A	Brown fiberboard	40		ND	95	5
		B	White/brown drywall w/ white/multi-colored paint	60		ND	15	85
DWT09-05	EM 2012350	A	White/brown drywall w/ white/multi-colored paint	50		ND	15	85
		B	Brown fiberboard w/ white paint	50		ND	90	10
DWT09-06	EM 2012351	A	Tan fiberboard w/ white paint	25		ND	90	10
		B	White/brown drywall w/ white/multi-colored paint	75		ND	15	85
DWT09-07	EM 2012352	A	White/brown drywall w/ white/multi-colored paint	100		ND	15	85

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 Client: **Pinyon Environmental Engineering**
 Client Project Number / P.O.: **11279004.8051**
 Client Project Description: **216E 46th Ave.**
 Date Samples Received: **January 23, 2018**
 Method: **EPA 600/R-93/116 - Short Report, Bulk**
 Turnaround: **2 Hour**
 Date Samples Analyzed: **January 24, 2018**

ND=None Detected
 TR=Trace, <1% Visual Estimate
 Trem/Act=Tremolite/Actinolite

Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
CDW09-01	EM 2012353	A	White/brown drywall w/ white/multi-colored paint	100		ND	15	85
CDW09-02	EM 2012354	A	White/multi-colored paint	2		ND	0	100
		B	White woven tape	2		ND	95	5
		C	Tan resinous compound	3		ND	0	100
		D	White/brown drywall	93		ND	15	85
CDW09-03	EM 2012355	A	White/multi-colored paint	1	Chrysotile	ND	0	100
		B	White compound	1		3	0	97
		C	White/brown drywall	98		ND	15	85
CDW09-04	EM 2012356	A	White/multi-colored paint w/ off white compound	1		ND	0	100
		B	White/brown drywall	99		ND	15	85
CDW09-05	EM 2012357	A	Off white resinous compound	10		ND	0	100
		B	White woven tape	10		ND	95	5
		C	White/multi-colored paint	15		ND	0	100
		D	Gray/brown drywall	65		ND	35	65

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RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
CDW09-06	EM 2012358	A	White compound	3		ND	0	100
		B	White/multi-colored paint	5		ND	0	100
		C	Off white resinous compound	5		ND	0	100
		D	White woven tape	5		ND	95	5
		E	Gray/brown drywall	82		ND	30	70
CDW09-07	EM 2012359	A	White/brown drywall w/ white/multi-colored paint	100		ND	15	85
CDW09-08	EM 2012360	A	White/brown drywall w/ white/multi-colored paint	100		ND	50	50
DWT10-01	EM 2012361	A	White/yellow paint w/ white micaceous texture	1		ND	0	100
		B	White/brown drywall	99		ND	15	85
DWT10-02	EM 2012362	A	White paint w/ white micaceous texture	10		ND	0	100
		B	Gray/brown drywall	90		ND	50	50

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
DWT10-03	EM 2012363	A	White/yellow paint w/ white compound	5		ND	0	100
		B	White joint compound	5		ND	0	100
		C	White/brown drywall	40		ND	50	50
		D	White tape	50		ND	95	5
CDW10-01	EM 2012364	A	White woven tape	5		ND	95	5
		B	Brown paper	5		ND	95	5
		C	Off white compound	10		ND	0	100
		D	White-yellow paint w/ white compound	80		ND	0	100
CDW10-02	EM 2012365	A	Brown paper	2		ND	95	5
		B	White woven tape	5		ND	95	5
		C	Off white compound	13		ND	0	100
		D	White/yellow paint w/ white resinous compound	80		ND	0	100

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
CDW10-03	EM 2012366	A	White woven tape	5		ND	95	5
		B	Off white compound	15		ND	0	100
		C	White paint w/ white resinous compound	80		ND	0	100
DWT11-01	EM 2012367	A	Pink/green drywall w/ off white paint	100		ND	15	85
DWT11-02	EM 2012368	A	Gray/brown drywall w/ off white paint	100		ND	50	50
DWT11-03	EM 2012369	A	White paint w/ white compound	3		ND	0	100
		B	Pink/brown drywall	97		ND	15	85
CDW11-01	EM 2012370	A	Gray paint w/ white compound	15		ND	0	100
		B	White joint compound	15		ND	0	100
		C	White tape	30		ND	95	5
		D	Pink/green drywall	40		ND	50	50
CDW11-02	EM 2012371	A	Gray paint w/ white resinous compound	2		ND	0	100
		B	Gray/brown drywall	98		ND	15	85

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					Mineral	Visual Estimate (%)		
CDW11-03	EM 2012372	A	White woven tape	2		ND	95	5
		B	White paint w/ white texture	3		ND	0	100
		C	White paint w/ white compound	3		ND	0	100
		D	Pink/brown drywall	92		ND	15	85
PL1101-01	EM 2012373	A	White/multi-colored paint	2		ND	0	100
		B	White plaster	8		ND	0	100
		C	Gray granular plaster	45		ND	TR	100
		D	White/brown drywall	45		ND	15	85
PL1101-02	EM 2012374	A	White/multi-colored paint	2		ND	0	100
		B	White plaster	2		ND	0	100
		C	White/brown drywall	46		ND	15	85
		D	Gray granular plaster	50		ND	TR	100

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
PL1101-03	EM 2012375	A	White/multi-colored paint	2		ND	0	100
		B	White plaster	8		ND	0	100
		C	Gray granular plaster	35		ND	TR	100
		D	Purple/brown drywall	55		ND	15	85
PL12-01	EM 2012376	A	Beige/multi-colored paint	2		ND	0	100
		B	Brown paper	5		ND	95	5
		C	White plaster	30		ND	0	100
		D	Gray granular plaster	63		ND	TR	100
PL12-02	EM 2012377	A	Beige/multi-colored paint	2		ND	0	100
		B	Brown paper	5		ND	95	5
		C	White plaster	8		ND	0	100
		D	Gray granular plaster	85		ND	0	100

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
PL12-03	EM 2012378	A	Off white/multi-colored paint	2		ND	0	100
		B	White plaster	15		ND	0	100
		C	Gray granular plaster	33		ND	TR	100
		D	White/brown drywall	50		ND	15	85
CTA27-01	EM 2012379	A	Gray cementitious material	3		ND	0	100
		B	White ceramic tile	97		ND	0	100
CTA27-02	EM 2012380	A	Off white granular material	3		ND	0	100
		B	Gray granular material	4		ND	0	100
		C	White ceramic tile	93		ND	0	100
CTA27-03	EM 2012381	A	White ceramic tile	35		ND	0	100
		B	Black ceramic tile	65		ND	0	100

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
CTA29-01	EM 2012382	A	Gray granular material	2		ND	0	100
		B	Gray cementitious material	3		ND	0	100
		C	White/peach ceramic tile w/ white/multi-colored paint	95		ND	0	100
CTA29-02	EM 2012383	A	Gray cementitious material	1		ND	0	100
		B	Gray granular material	3		ND	0	100
		C	White/peach ceramic tile w/ white/multi-colored paint	96		ND	0	100
CTA29-03	EM 2012384	A	Gray granular plaster	1		ND	0	100
		B	Gray cementitious material	2		ND	0	100
		C	White/peach ceramic tile w/ white/multi-colored paint	97		ND	0	100
CTA30-01	EM 2012385	A	White caulk	2		ND	0	100
		B	Gray resinous material	18		ND	0	100
		C	White ceramic tile	80		ND	0	100

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
CTA30-02	EM 2012386	A	Gray granular material	3		ND	0	100
		B	Gray resinous material	25		ND	0	100
		C	White ceramic tile	72		ND	0	100
CTA30-03	EM 2012387	A	Gray resinous material	10		ND	0	100
		B	White ceramic tile	90		ND	0	100
CTA31-01	EM 2012388	A	Tan fibrous material	2		ND	90	10
		B	Tan adhesive	2		ND	0	100
		C	White resinous material	4		ND	0	100
		D	Green/white ceramic tile	92		ND	0	100

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					Mineral	Visual Estimate (%)		
CTA31-02	EM 2012389	A	Brown fibrous material	1		ND	85	15
		B	White caulk	2		ND	0	100
		C	Off white grout	2		ND	0	100
		D	White resinous material	3		ND	0	100
		E	Green/white ceramic tile	92		ND	0	100
CTA31-03	EM 2012390	A	Off white grout	1		ND	0	100
		B	White resinous material	3		ND	0	100
		C	Tan fibrous material	3		ND	90	10
		D	Green/white ceramic tile	93		ND	0	100
CTA32-01	EM 2012391	A	Pink/peach ceramic tile	100		ND	0	100

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					Mineral	Visual Estimate (%)		
CTA32-02	EM 2012392	A	Off white resinous material	1		ND	0	100
		B	Off white grout	2		ND	0	100
		C	Gray granular material	3		ND	0	100
		D	Pink/peach ceramic tile w/ white paint	94		ND	0	100
CTA32-03	EM 2012393	A	Gray granular material	3		ND	0	100
		B	White plaster	20		ND	0	100
		C	Pink/peach ceramic tile	77		ND	0	100
CTA34-01	EM 2012394	A	Off white adhesive	1		ND	0	100
		B	White granular material	2		ND	0	100
		C	Gray granular material	2		ND	0	100
		D	Colorless caulk	3		ND	0	100
		E	Brown/multi-colored ceramic tile	92		ND	0	100

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					Mineral	Visual Estimate (%)		
CTA34-02	EM 2012395	A	White granular material	1		ND	0	100
		B	Off white adhesive	1		ND	0	100
		C	Colorless caulk	10		ND	0	100
		D	Brown/multi-colored ceramic tile	88		ND	0	100
CTA34-03	EM 2012396	A	Gray granular material	2		ND	0	100
		B	Brown/multi-colored ceramic tile	98		ND	0	100
CTA35-01	EM 2012397	A	Gray granular material	18		ND	0	100
		B	Peach ceramic tile	82		ND	0	100
CTA35-02	EM 2012398	A	Gray granular material	3		ND	0	100
		B	Peach ceramic tile	97		ND	0	100
CTA35-03	EM 2012399	A	Gray cementitious material	4		ND	0	100
		B	Pink/peach ceramic tile	96		ND	0	100

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					Mineral	Visual Estimate (%)		
CTA36-01	EM 2012400	A	Tan adhesive	TR		ND	0	100
		B	White caulk	3		ND	0	100
		C	Gray granular material	17		ND	0	100
		D	Red ceramic tile	80		ND	0	100
CTA36-02	EM 2012401	A	White caulk	1		ND	0	100
		B	Gray resinous material	2		ND	0	100
		C	Gray granular material	2		ND	0	100
		D	Red ceramic tile	95		ND	0	100
CTA36-03	EM 2012402	A	Tan adhesive	1		ND	0	100
		B	Red ceramic tile	99		ND	0	100
CTA36-04	EM 2012403	A	Gray granular material	2		ND	0	100
		B	Off white resinous material	3		ND	0	100
		C	Red ceramic tile	95		ND	0	100

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					Mineral	Visual Estimate (%)		
CTA37-01	EM 2012404	A	Gray granular material	1		ND	0	100
		B	Blue/multi-colored ceramic tile	99		ND	0	100
CTA37-02	EM 2012405	A	Blue/multi-colored ceramic tile	100		ND	0	100
CTA37-03	EM 2012406	A	Blue/multi-colored ceramic tile	100		ND	0	100
CTA38-01	EM 2012407	A	Tan/pink drywall	3		ND	60	40
		B	White resinous material	47		ND	0	100
		C	White ceramic tile	50		ND	0	100
CTA38-02	EM 2012408	A	White resinous material	5		ND	0	100
		B	White ceramic tile	95		ND	0	100
CTA38-03	EM 2012409	A	White caulk	3		ND	0	100
		B	White/blue resinous material	5		ND	0	100
		C	White ceramic tile	92		ND	0	100
CBA02-02 (Not on original COC)	EM 2012410	A	Tan adhesive	TR		ND	0	100
		B	Black cove base w/ white paint	100		ND	0	100

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
CBA02-03 (Not on original COC)	EM 2012411	A	Tan adhesive	1		ND	0	100
			B	Black cove base w/ white paint	99		ND	0

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Liu Wenlong

Analyst



Daniel Erhard

Analyst



Brianne Neumann

Analyst



Anita Grigg

Analyst / Data QA

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Submitted by: Pinyon

Client sample ID number (Sample ID's must be unique)

- 11 SVF11-02
- 12 SVF11-03
- 13 SVF12-01
- 14 SVF12-02
- 15 SVF12-03
- 16 SVF13-01
- 17 SVF13-02
- 18 SVF13-03
- 19 SVF14-01
- 20 SVF14-02
- 21 SVF14-03
- 22 QK06-01
- 23 QK06-02
- 24 QK06-03
- 25 QK06-04
- 26 INS03-01
- 27 INS03-02
- 28 INS03-03
- 29 INS03-04
- 30 RMI01-01
- 31 RMI01-02
- 32 RMI01-03
- 33 CBA01-01
- 34 CBA01-02
- 35 CBA01-03
- 36 CBA02-01
- 37 CBA03-01
- 38 CBA03-02
- 39 CBA03-03
- 40 ~~SVF11-02~~ SUC02-01
- 41 ~~SVF11-03~~ SUC02-02

REQUESTED ANALYSIS		VALID MATRIX CODES		LAB NOTES:	
PLM - Short report, Long report, Point Count	TEM - AHERA, Level II, 7402, ISO, +/-, Quant, Semi-quant, Micro-vac, ISO-Indirect Preps	Air = A	Bulk = B	EM Number (Laboratory Use Only)	201227
PCM - 7400A, 7400B, OSHA	DUST - Total, Respirable	Dust = D	Paint = P		
METALS - Analyte(s) RCRA 8, TCLP, Welding Fume, Metals Scan	ORGANICS - METH	Soil = S	Wipe = W		
Pathogens: Aerobic Plate Count, Salmonella, E. coli O157:H7, Listeria, S.aureus, Campylobacter: +/- or Quantification	E. coli and/or Coliforms: +/- or Quantification	Swab = SW	F = Food		
Microbial Growth: Aerobic Plate Count ID Bacteria or Y & M: +/- or Quantification	Legionella: +/- or Quantification	Drinking Water = DW	Waste Water = WW		
Other: Bioterror, LAL or Environmental	Mold: Spore Trap or Bulk: +/- or Quantification	O = Other	**ASTM E1792 approved wipe media only**		
SAMPLER'S INITIALS OR OTHER NOTES:		Sample Volume (L) / Area	Date Collected mm/dd/yy		
		# Containers	Time Collected hr/mm a/p		
		Matrix Code			

RES Job # 399HS9

Page 4 of 4

Submitted by: Pinyon

- Bldg 2 -

Client sample ID number (Sample ID's must be unique)

- 42 73 SUC0203
- 43 74 CBA04-01
- 44 75 CBA04-02
- 45 76 CBA04-03
- 46 77 ~~CBA04-01~~ CT01-01
- 47 78 CT01-02
- 48 79 CT01-03
- 49 80 CT01-04
- 50 81 BRK03-01
- 51 82 BRK03-02
- 52 83 BRK03-03
- 53 84 VFT07-01
- 54 85 VFT07-02
- 55 86 VFT07-03
- 56 87 VFT07-04
- 57 88 SVF14-01
- 58 89 SVF14-02
- 59 90 SVF14-03
- 60 91 PANDY-01
- 61 92 PANDY-02
- 62 93 PANDY-03
- 63 94 DWTD9-01
- 64 95 DWTD9-02
- 65 96 DWTD9-03
- 66 97 DWTD9-04
- 67 98 DWTD9-05
- 68 99 DWTD9-06
- 69 100 DWTD9-07
- 70 101 CDW09-01
- 71 102 CDW09-02
- 72 103 CDW09-03

EM 2012340
 EM 2012341
 EM 2012342

REQUESTED ANALYSIS		VALID MATRIX CODES		LAB NOTES:	
PLM - Short report, Long report, Point Count	TEM - AHERA, Level II, 7402, ISO, +/-, Quant, Semi-quant, Micro-vac, ISO-Indirect Preps	Air = A Dust = D Soil = S Swab = SW Drinking Water = DW Waste Water = WW O = Other	Bulk = B Paint = P Wipe = W F = Food		
PCMS - 7400A, 7400B, OSHA	DUST - Total, Respirable	METALS - Analyte(s) RCRA 8, TCLP, Welding Fume, Metals Scan			
ORGANICS - METH, TSS	Pathogens: Aerobic Plate Count, Salmonella, E.coli O157:H7, Listeria, S.aureus, Campylobacter +/- or Quantification	Mold: Spore Trap or Bulk: +/-, Identification, Quantification, Viable or Non-Viable			
MICROBIOLOGY	Other: Bioterror, LAL or Environmental	Other: Bioterror, LAL or Environmental			
Viabiles	Legionella: +/- or Quantification	Legionella: +/- or Quantification			
M or Bacteria, Fungal, +/- or	Microbial Growth: Aerobic Plate Count (U, T & State Water (Please Circle One) Yes /	M or Bacteria, Fungal, +/- or			
E.coli and/or Coliforms: +/- or Quantification	Sample Volume (L) / Area	E.coli and/or Coliforms: +/- or Quantification			
Matrix Code	# Containers	Matrix Code			
Date Collected mm/dd/yy	Date Collected mm/dd/yy	Date Collected mm/dd/yy			
Time Collected hh/mm a/p	Time Collected hh/mm a/p	Time Collected hh/mm a/p			
EM Number (Laboratory Use Only)	EM Number (Laboratory Use Only)	EM Number (Laboratory Use Only)			

RES Job # 399459

Page 2 of 5

Submitted by: Pinpa

Client sample ID number (Sample ID's must be unique)	PLM - Short report, Long report, Point Count	TEM - AHERA Level II, 7402, ISO, +/-, Quant, Semi-quant, Micro-vac, ISO-Indirect Preps	PCM - 7400A, 7400B, OSHA	DUST - Total, Respirable	METALS - Analyte(s) RCRA 8, TCLP, Welding Fume, Metals Scan	ORGANICS - METH	Pathogens: Aerobic Plate Count, Salmonella, E.coli O157:H7, Listeria, S.aureus, Campylobacter: +/- or Quantification	E.coli and/or Coliforms: +/- or Quantification	Microbial Growth: Aerobic Plate Count ID, Bacteria or Y & M: +/- or Quantification	Legionella: +/- or Quantification	Other: Bioburden, LAL or Environmental	Mold: Spore Trap or Bulk: +/- or Quantification	SAMPLER'S INITIALS OR OTHER NOTES:	VALID MATRIX CODES	LAB NOTES:	
														Air = A Dust = D Soil = S Swab = SW Drinking Water = DW Waste Water = WW O = Other **ASTM E1792 approved wipe media only**	EM Number (Laboratory Use Only)	
104	✓															
105	✓															
106	✓															
107	✓															
108	✓															
109	✓															
110	✓															
111	✓															
112	✓															
113	✓															
114	✓															
115	✓															
116	✓															
117	✓															
118	✓															
119	✓															
120	✓															
121	✓															
122	✓															
123	✓															
124	✓															
125	✓															
126	✓															
34																
35																
36																
37																
38																
39																
40																
41																

Not on original coc.

df

201387
 012318 day
 Sample Volume (L) / Area
 Matrix Code
 # Containers
 Date Collected mm/dd/yy
 Time Collected hh:mm alp



January 26, 2018

Subcontract Number: NA
Laboratory Report: RES 399556-1RR
Project # / P.O. # 11279004.8051
Project Description: Colonial Motel

Deborah Fernandez
Pinyon Environmental Engineering
9100 West Jewell Ave. Suite 200
Lakewood CO 80232

Dear Customer,

Reservoirs Environmental, Inc. is an analytical laboratory accredited for the analysis of Industrial Hygiene and Environmental matrices by the National Voluntary Laboratory Accreditation Program (NVLAP), Lab Code 101896-0 for Transmission Electron Microscopy (TEM) and Polarized Light Microscopy (PLM) analysis and the American Industrial Hygiene Association (AIHA), Lab ID 101533 - Accreditation Certificate #480 for Phase Contrast Microscopy (PCM) analysis. This laboratory is currently proficient in both Proficiency Testing and PAT programs respectively.

Reservoirs Environmental, Inc. has analyzed the following samples for asbestos content as per your request. The analysis has been completed in general accordance with the appropriate methodology as stated in the attached analysis table. The results have been submitted to your office.

RES 399556- is the job number assigned to this study. This report is considered highly confidential and the sole property of the customer. Reservoirs Environmental, Inc. will not discuss any part of this study with personnel other than those of the client. The results described in this report only apply to the samples analyzed. This report must not be used to claim endorsement of products or analytical results by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without written approval from Reservoirs Environmental, Inc. Samples will be disposed of after sixty days unless longer storage is requested. If you have any questions about this report, please feel free to call 303-964-1986.

Sincerely,

A handwritten signature in blue ink that reads "Charlene Martel". Below the signature, the name "Charlene Martel" is printed in a small, blue, sans-serif font.

Jeanne Spencer
President

RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

TABLE: PLM BULK ANALYSIS, PERCENTAGE COMPOSITION BY VOLUME

RES Job Number: **RES 399556-1RR**
 Client: **Pinyon Environmental Engineering**
 Client Project Number / P.O.: **11279004.8051**
 Client Project Description: **Colonial Motel**
 Date Samples Received: **January 24, 2018**
 Method: **EPA 600/R-93/116 - Short Report, Bulk**
 Turnaround: **2 Hour**
 Date Samples Analyzed: **January 26, 2018**

ND=None Detected
 TR=Trace, <1% Visual Estimate
 Trem/Act=Tremolite/Actinolite

Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
LIN01-01	EM 2013130	A	Gray granular cementitious material	100		ND	0	100
LIN01-02	EM 2013131	A	Gray granular cementitious material	100		ND	0	100
LIN01-03	EM 2013132	A	Gray granular cementitious material	100		ND	0	100
CK07-01	EM 2013133	A	White caulk w/ blue paint	100		ND	0	100
CK07-02	EM 2013134	A	White caulk w/ blue paint	100		ND	0	100
CK07-03	EM 2013135	A	White caulk w/ blue paint	100		ND	0	100
GL02-01	EM 2013136	A	Tan/brown glazing	100	Chrysotile	2	0	98
GL02-02	EM 2013137	A	Tan/brown glazing	100	Chrysotile	2	0	98
GL02-03	EM 2013138	A	Tan/brown glazing	100	Chrysotile	2	0	98
GL02-04	EM 2013139	A	Tan/brown glazing	100	Chrysotile	2	0	98
GR01-01	EM 2013140	A	Gray granular plaster	100		ND	0	100
GR01-02	EM 2013141	A	Gray granular plaster	100		ND	0	100
GR01-03	EM 2013142	A	Gray granular plaster	100		ND	0	100

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.

RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
PL13-01	EM 2013143	A	Beige/white paint	2		ND	0	100
		B	White granular plaster	10		ND	0	100
		C	Gray granular plaster	88		ND	TR	100
PL13-02	EM 2013144	A	Beige/white paint	1		ND	0	100
		B	White granular plaster	10		ND	0	100
		C	Gray granular plaster	89		ND	TR	100
PL13-03	EM 2013145	A	Gray granular plaster	100		ND	TR	100
BRK04-01	EM 2013146	A	Red brick	10		ND	0	100
		B	White paint w/ white granular plaster	90		ND	0	100
BRK04-02	EM 2013147	A	Gray granular material	25		ND	0	100
		B	Red brick	75		ND	0	100
BRK04-03	EM 2013148	A	Red brick w/ gray paint	30		ND	0	100
		B	Gray granular material	70		ND	0	100

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RESERVOIRS ENVIRONMENTAL INC.

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
SVF16-01	EM 2013149	A	Brown mastic	2		ND	0	100
		B	Black felt	28		ND	80	20
		C	Off white/multi-colored sheet vinyl w/ black fibrous backing	70		ND	50	50
SVF16-02	EM 2013150	A	Brown mastic	2		ND	0	100
		B	Black felt	18		ND	80	20
		C	Off white/multi-colored sheet vinyl w/ black fibrous backing	80		ND	50	50
SVF16-03	EM 2013151	A	Brown resinous material	TR		ND	0	100
		B	Tan/brown sheet vinyl w/ black fibrous backing	100		ND	50	50
INS03-01	EM 2013152	A	Silver paint	TR		ND	0	100
		B	Gray woven material	15		ND	95	5
		C	Gray fibrous material	85	Chrysotile	80	5	15

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
INS03-02	EM 2013153	A	Silver paint	1		ND	0	100
		B	Gray woven material	15		ND	95	5
		C	Gray fibrous material	84	Chrysotile	80	5	15
INS03-03	EM 2013154	A	Off white paint	TR		ND	0	100
		B	Yellow-brown resinous	1		ND	0	100
		C	Gray woven material	5		ND	95	5
		D	Gray fibrous material	94	Chrysotile	80	5	15
INS04-01	EM 2013155	A	Gray fibrous plaster	100	Chrysotile	TR	30	70
					Point Count	<0.25		
					Amosite	TR		
					Point Count	<0.25		

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.

RESERVOIRS ENVIRONMENTAL INC.

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
INS04-02	EM 2013156	A	Yellow fibrous material	5		ND	95	5
		B	Off white fibrous plaster	95	Chrysotile Point Count	TR <0.25	30	70
INS04-03	EM 2013157	A	Gray resinous material	5		ND	0	100
		B	Tan-orange resinous material	25		ND	0	100
		C	Off white paper	25		ND	95	5
		D	Off white fibrous plaster	45	Chrysotile Point Count	TR <0.25	30	70
					Amosite Point Count	TR <0.25		

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.

RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

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ND=None Detected
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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
VB01-01	EM 2013158	A	Silver paint	TR		ND	0	100
		B	Tan/black fibrous material	100		ND	90	10
VB010-02	EM 2013159	A	Brown/black fibrous material	100		ND	90	10
VB01-03	EM 2013160	A	Brown/black fibrous material	100		ND	90	10
PL09-10	EM 2013161	A	White/multi-colored paint	10		ND	0	100
		B	Off white granular material	10		ND	0	100
		C	White granular material	80		ND	0	100
PL09-11	EM 2013162	A	Gray/off white paint	1		ND	0	100
		B	White granular plaster	20		ND	0	100
		C	Dark gray granular material	79		ND	0	100
PL09-12	EM 2013163		Sample Not Received.					

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.

RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

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ND=None Detected
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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
PL10-09	EM 2013164	A	Off white granular material	5		ND	0	100
		B	White/gray paint	25		ND	0	100
		C	White granular plaster	70		ND	0	100
PL10-10	EM 2013165	A	Off white granular material	1		ND	0	100
		B	Light gray granular plaster	1		ND	0	100
		C	White/multi-colored paint	10		ND	0	100
		D	White granular plaster	88		ND	0	100
PL09-08	EM 2013166	A	Gray granular debris	1		ND	TR	100
		B	Gray/multi-colored paint	30		ND	0	100
		C	White plaster	69		ND	0	100
PL09-09	EM 2013167	A	White/multi-colored paint	2		ND	0	100
		B	White plaster	25		ND	0	100
		C	Gray granular plaster	73		ND	TR	100

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.

RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

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ND=None Detected
 TR=Trace, <1% Visual Estimate
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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
CDW11-04	EM 2013168	A	White paint w/ white compound	25		ND	0	100
		B	Pink/brown drywall	75		ND	15	85
CDW11-05	EM 2013169	A	White compound	5		ND	0	100
		B	White joint compound	5		ND	0	100
		C	White tape	15		ND	95	5
		D	White paint w/ off white texture	35		ND	0	100
		E	Gray/brown drywall	40		ND	35	65
CDW11-06	EM 2013170	A	White paint w/ off white compound	2		ND	0	100
		B	White tape	2		ND	95	5
		C	White joint compound	3		ND	0	100
		D	Gray/brown drywall	93		ND	15	85
CTA28-01	EM 2013171	A	Gray mastic	3	Chrysotile	7	0	93
		B	Black ceramic tile	97		ND	0	100

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.

RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
CTA28-02	EM 2013172	A	Gray mortar	10		ND	0	100
		B	Black ceramic tile	90		ND	0	100
CTA28-03	EM 2013173	A	White grout	TR		ND	0	100
		B	Gray mortar	3		ND	0	100
		C	Black ceramic tile	97		ND	0	100
DWT11-04	EM 2013174	A	White paint w/ greenish compound	1		ND	0	100
		B	White tape	2		ND	95	5
		C	White paint w/ white compound	3		ND	0	100
		D	Pink/green drywall	94		ND	15	85
DWT11-05	EM 2013175	A	White paint w/ off white compound	2		ND	0	100
		B	White compound	3		ND	0	100
		C	Gray/brown drywall	95		ND	15	85

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RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

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 TR=Trace, <1% Visual Estimate
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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
PL12-01	EM 2013176	A	White/multi-colored paint	5		ND	0	100
		B	White plaster	10		ND	0	100
		C	Gray granular plaster	85		ND	TR	100
PL12-02	EM 2013177	A	White/multi-colored paint	2		ND	0	100
		B	White plaster	15		ND	0	100
		C	Gray granular plaster	83		ND	TR	100
PL12-03	EM 2013178	A	White/multi-colored paint	10		ND	0	100
		B	White plaster	45		ND	0	100
		C	Gray granular plaster	45		ND	TR	100
SVF15-01	EM 2013179	A	Cream/gray sheet vinyl w/ black fibrous backing	100		ND	50	50
SVF15-02	EM 2013180	A	Dark gray foam	5		ND	0	100
		B	Cream/gray sheet vinyl w/ black fibrous backing	95		ND	50	50

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.

RESERVOIRS ENVIRONMENTAL INC.

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
SVF15-03	EM 2013181	A	Dark gray foam	1		ND	0	100
		B	Cream/gray sheet vinyl w/ black fibrous backing	99		ND	50	50
VFT08-01	EM 2013182	A	Brown mastic	2		ND	0	100
		B	Gray tile	98		ND	0	100
VFT08-02	EM 2013183	A	Cream mastic	2		ND	0	100
		B	Gray tile	98		ND	0	100
VFT08-03	EM 2013184	A	Cream mastic	2		ND	0	100
		B	Gray tile	98		ND	0	100
PL30-04	EM 2013185	A	White plaster w/ white/multi-colored paint	20		ND	0	100
		B	Off white granular plaster	80		ND	0	100
PL30-05	EM 2013186	A	White/multi-colored paint w/ white plaster	20		ND	0	100
		B	Gray granular plaster	80	Chrysotile	TR	TR	100
					Point Count	<0.25		

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.

RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

TABLE: PLM BULK ANALYSIS, PERCENTAGE COMPOSITION BY VOLUME

RES Job Number: **RES 399556-1RR**
 Client: **Pinyon Environmental Engineering**
 Client Project Number / P.O.: **11279004.8051**
 Client Project Description: **Colonial Motel**
 Date Samples Received: **January 24, 2018**
 Method: **EPA 600/R-93/116 - Short Report, Bulk**
 Turnaround: **2 Hour**
 Date Samples Analyzed: **January 26, 2018**

ND=None Detected
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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
PL30-06	EM 2013187	A	Off white granular plaster	25	Chrysotile Point Count	TR	TR	100
		B	White plaster w/ white/multi-colored paint	75		<0.25		
VFT04-01	EM 2013188	A	Tan/brown adhesive	2		ND	TR	100
		B	Light gray tile	98		ND	0	100
VFT04-02	EM 2013189	A	Tan adhesive	3		ND	TR	100
		B	Off white tile	97		ND	0	100
VFT04-03	EM 2013190	A	Tan adhesive w/ gray debris	4		ND	TR	100
		B	Off white tile	96		ND	0	100
VFT05-01	EM 2013191	A	Tan adhesive w/ gray debris	4		ND	TR	100
		B	Off white tile	96		ND	0	100
VFT05-02	EM 2013192	A	Off white/light beige tile	100		ND	0	100
VFT05-03	EM 2013193	A	Brown adhesive	2		ND	0	100
		B	Off white/light beige tile	98		ND	0	100

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
VFT10-01	EM 2013194	A	Colorless adhesive w/ a trace of black mastic	4	Chrysotile	TR	TR	100
		B	Brown tile	96	Point Count	<0.25	TR	100
VFT10-02	EM 2013195	A	Colorless adhesive w/ debris & a trace of black mastic	5	Chrysotile	TR	3	97
		B	Reddish brown tile	95	Point Count	<0.25	TR	100
VFT10-03	EM 2013196	A	Black mastic w/ debris	TR	Chrysotile	8	TR	92
		B	Colorless adhesive	5		ND	TR	100
		C	Brown tile	95		ND	TR	100
CA01-01	EM 2013197	A	Brown adhesive	TR		ND	TR	100
		B	Grayish white/brown carpet	100		ND	90	10
CA01-02	EM 2013198	A	Brown/tan adhesive	1		ND	TR	100
		B	Grayish white/brown carpet	99		ND	90	10

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
CA01-03	EM 2013199	A	Brown/tan adhesive	3		ND	TR	100
		B	Grayish white/brown carpet	97		ND	90	10
CK02-01	EM 2013200	A	White caulk	100		ND	0	100
CK02-02	EM 2013201	A	Tan fibrous material	15		ND	70	30
		B	White caulk	85		ND	0	100
CK02-03	EM 2013202	A	White caulk	100		ND	0	100
CK04-01	EM 2013203	A	Brown glazing	35	Chrysotile	5	0	95
		B	Colorless caulk	65		ND	0	100
CK04-02	EM 2013204	A	White resinous material	50	Chrysotile	8	0	92
		B	Brown glazing	50	Chrysotile	4	0	96
CK04-03	EM 2013205	A	Brown glazing	100	Chrysotile	5	0	95
CT03-01	EM 2013206	A	White/tan ceiling tile	100		ND	90	10
CT03-02	EM 2013207	A	White/tan ceiling tile	100		ND	90	10

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
CT03-03	EM 2013208	A	White/tan ceiling tile	100		ND	85	15
CT03-04	EM 2013209	A	White/tan ceiling tile	100		ND	85	15
CBA05-01	EM 2013210	A	Tan resinous material	3		ND	0	100
		B	Black resinous material	97	Chrysotile	10	0	90
CBA05-02	EM 2013211	A	Tan resinous material	1		ND	0	100
		B	Black resinous material	99	Chrysotile	10	0	90
CBA05-03	EM 2013212	A	Tan resinous material	4		ND	0	100
		B	Black resinous material	96	Chrysotile	12	0	88
BRK02-01	EM 2013213	A	Red brick	100		ND	0	100
BRK02-02	EM 2013214	A	Off white granular material	3		ND	0	100
		B	Red brick	97		ND	0	100
BRK02-03	EM 2013215		Sample Not Received.					
CTA38-01	EM 2013216	A	Gray granular material	4		ND	0	100
		B	White ceramic tile	96		ND	0	100

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
CTA38-02	EM 2013217	A	Gray granular material	50		ND	0	100
		B	White ceramic tile	50		ND	0	100
CTA38-03	EM 2013218	A	Gray granular material	30		ND	0	100
		B	White ceramic tile	70		ND	0	100
CTA39-01	EM 2013219	A	Gray granular material	5		ND	8	92
		B	Pink/peach ceramic tile	95		ND	0	100
CTA39-02	EM 2013220	A	Gray granular material	3		ND	50	50
		B	Pink/peach ceramic tile	97		ND	0	100
CTA39-03	EM 2013221	A	White grout	TR		ND	0	100
		B	Gray cementitious material	35		ND	0	100
		C	Pink/peach ceramic tile	65		ND	0	100
CTA39-04	EM 2013222	A	White grout	1		ND	0	100
		B	Gray cementitious material	3		ND	0	100
		C	Pink/peach ceramic tile	96		ND	0	100

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
CTA40-01	EM 2013223	A	Gray cementitious material	3		ND	0	100
		B	Black/beige ceramic tile	47		ND	0	100
		C	Gray granular material	50		ND	0	100
CTA40-02	EM 2013224	A	Gray cementitious material	5		ND	0	100
		B	Gray granular material	5		ND	0	100
		C	Black/beige ceramic tile	90		ND	0	100
CTA40-03	EM 2013225	A	Black/beige ceramic tile	100		ND	0	100
CTA41-01	EM 2013226	A	Gray granular cementitious material	20		ND	0	100
		B	Green ceramic tile	80		ND	0	100
CTA41-02	EM 2013227	A	Gray granular cementitious material	15		ND	0	100
		B	White ceramic tile	85		ND	0	100
CTA41-03	EM 2013228	A	Gray granular cementitious material	3		ND	0	100
		B	Green ceramic tile	17		ND	0	100
		C	White ceramic tile	80		ND	0	100

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
CTA42-01	EM 2013229	A	Gray granular material	5		ND	0	100
		B	Red brick	95		ND	0	100
CTA42-02	EM 2013230		Sample Not Received.					
CTA42-03	EM 2013231	A	Gray granular material	4		ND	0	100
		B	Red brick	96		ND	0	100
PAN04-01	EM 2013232	A	Tan adhesive	3		ND	0	100
		B	Tan fibrous material	3		ND	90	10
		C	Brown/multi-colored fiberboard	94		ND	80	20
PAN04-02	EM 2013233	A	Tan adhesive	1		ND	0	100
		B	Brown/multi-colored fiberboard	99		ND	80	20
PAN04-03	EM 2013234	A	Tan adhesive	TR		ND	0	100
		B	Brown/multi-colored fiberboard	100		ND	80	20
PAN03-01	EM 2013235	A	Tan resinous material	100		ND	0	100
PAN03-02	EM 2013236	A	Tan resinous material	100		ND	0	100

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
PAN03-03	EM 2013237	A	Tan resinous material	100		ND	0	100
CTA23-01	EM 2013238	A	Gray granular material	8		ND	0	100
		B	Off white ceramic tile	92		ND	0	100
CTA23-02	EM 2013239	A	Gray granular material	8		ND	0	100
		B	Off white ceramic tile	92		ND	0	100
CTA23-03	EM 2013240	A	Gray granular material	15		ND	0	100
		B	Black ceramic tile	85		ND	0	100
DWT05-01	EM 2013241	A	White compound w/ off white paint	15		ND	0	100
		B	Tan/pink drywall	85		ND	70	30
DWT05-02	EM 2013242	A	White compound w/ white paint	20		ND	0	100
		B	Tan/pink drywall	80		ND	85	15
DWT05-03	EM 2013243	A	White compound w/ white paint	30		ND	0	100
		B	Pink/tan drywall	70		ND	50	50

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					Mineral	Visual Estimate (%)		
DWT05-04	EM 2013244	A	White compound w/ white paint	25		ND	0	100
		B	Tan/pink drywall	75		ND	75	25
DWT12-01	EM 2013245	A	White/tan drywall w/ tan adhesive	100		ND	18	82
DWT12-02	EM 2013246	A	White/tan drywall	100		ND	40	60
DWT12-03	EM 2013247	A	White/tan drywall	100		ND	30	70
PL07-01	EM 2013248	A	White plaster w/ beige/multi-colored paint	30		ND	0	100
		B	Off white granular plaster	70	Chrysotile	TR	0	100
PL07-02	EM 2013249	A	White plaster w/ off white/multi-colored paint	35		ND	0	100
		B	Off white granular plaster	65	Chrysotile	TR	0	100
PL07-03	EM 2013250	A	White plaster w/ off white/multi-colored paint	25	Point Count	<0.25	0	100
		B	Off white granular plaster	75	Chrysotile	TR	0	100
					Point Count	<0.25		

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
WA02-01	EM 2013251	A	Colorless adhesive	TR		ND	0	100
			B	Tan wall covering w/ off white/pink paint	100	ND	0	100
WA02-02	EM 2013252	A	Tan wall covering w/ off white/pink paint	100		ND	0	100
WA02-03	EM 2013253	A	Tan wall covering w/ off white/pink paint	100		ND	0	100
TSI03-01	EM 2013254	A	Black foamy material w/ off white resinous material	100		ND	0	100
TSI03-02	EM 2013255	A	Black foamy material w/ off white/multi-colored resinous material	100		ND	0	100
TSI03-03	EM 2013256	A	Black foamy material w/ off white/multi-colored resinous material	100		ND	0	100
VFT06-01	EM 2013257	A	Colorless adhesive	2		ND	0	100
			B	Gray/multi-colored sheet vinyl w/ gray fibrous backing material	98	ND	35	65

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					Mineral	Visual Estimate (%)		
VFT06-02	EM 2013258	A	Tan adhesive	TR		ND	0	100
		B	Gray/multi-colored sheet vinyl w/ gray fibrous backing material	100		ND	40	60
VFT06-03	EM 2013259	A	Gray/multi-colored sheet vinyl w/ gray fibrous backing material	100		ND	35	65
VSA01-01	EM 2013260	A	Brown adhesive	5		ND	0	100
		B	Brown/multi-colored resinous material w/ black fibrous backing material	95		ND	45	55
VSA01-02	EM 2013261	A	Brown adhesive	4		ND	0	100
		B	Brown/multi-colored resinous material w/ black fibrous backing material	96		ND	50	50
VSA01-03	EM 2013262	A	Brown adhesive	3		ND	0	100
		B	Brown/multi-colored resinous material w/ black fibrous backing material	97		ND	50	50

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					Mineral	Visual Estimate (%)		
VSA01-04	EM 2013263	A	Brown adhesive	1		ND	0	100
		B	Brown/multi-colored resinous material w/ black fibrous backing material	99		ND	45	55
WA01-01	EM 2013264	A	White plaster w/ peach paint	20		ND	0	100
		B	Tan/multi-colored wall paper	80		ND	85	15
WA01-02	EM 2013265	A	Tan/multi-colored wall paper	100		ND	85	15
WA01-03	EM 2013266	A	Tan/multi-colored wall paper	100		ND	85	15
PL06-02	EM 2013267	A	Off white/white foamy texture	100		ND	4	96
PL06-03	EM 2013268	A	Off white/beige paint w/ tan plaster	35		ND	0	100
		B	Off white granular plaster	65		ND	0	100
PAN02-01	EM 2013269	A	Tan adhesive	35		ND	0	100
		B	Tan paper	65		ND	90	10
PAN02-02	EM 2013270	A	Tan paper	15		ND	85	15
		B	Tan adhesive	85		ND	0	100

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					Mineral	Visual Estimate (%)		
PAN02-03	EM 2013271	A	Brown/multi-colored fiberboard	100		ND	85	15
PL14-01	EM 2013272	A	White plaster w/ beige/multi-colored paint	45		ND	0	100
		B	Off white granular plaster	55		ND	TR	100
PL14-02	EM 2013273	A	Off white granular plaster	10	Chrysotile	TR	0	100
					Point Count	<0.25		
PL14-03	EM 2013274	B	Light gray/multi-colored paint w/ white plaster	90		ND	0	100
		A	Off white/multi-colored paint	5		ND	0	100
PL14-04	EM 2013275	B	Off white granular plaster	95	Chrysotile	TR	0	100
					Point Count	<0.25		
PL14-05	EM 2013276	A	Off white granular plaster w/ pink/multi-colored paint	100		ND	0	100
PL14-06	EM 2013277	A	Off white granular plaster w/ brown/green paint	100		ND	TR	100
PAN02-04	EM 2013278	A	Colorless adhesive	2		ND	0	100
		B	Brown/multi-colored fiberboard	98		ND	85	15

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NVLAP Lab Code 101896-0

TABLE: PLM BULK ANALYSIS, PERCENTAGE COMPOSITION BY VOLUME

RES Job Number: **RES 399556-1RR**
 Client: **Pinyon Environmental Engineering**
 Client Project Number / P.O.: **11279004.8051**
 Client Project Description: **Colonial Motel**
 Date Samples Received: **January 24, 2018**
 Method: **EPA 600/R-93/116 - Short Report, Bulk**
 Turnaround: **2 Hour**
 Date Samples Analyzed: **January 26, 2018**

ND=None Detected
 TR=Trace, <1% Visual Estimate
 Trem/Act=Tremolite/Actinolite

Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
BRK02-04	EM 2013279	A	Gray granular material	TR		ND	0	100
		B	White granular material	1		ND	0	100
		C	Brown/black brick	40		ND	0	100
		D	Pink-red brick w/ gray paint	59		ND	0	100
SVF08-04	EM 2013280	A	Brown resinous material w/ black tar	1	Chrysotile	7	0	93
		B	Gray sheet vinyl w/ gray fibrous backing	99		ND	20	80
CTA42-04	EM 2013281	A	Gray cementitious material	10		ND	0	100
		B	Terracotta-like material	90		ND	0	100

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.


Gregory Hronich

Analyst


Brianne Neumann

Analyst


Michael Scales

Analyst


Anita Grigg

Analyst / Data QA

Due Date: 1/21/18
 Due Time:

RES 399556

Page 1 of 6

REILAB Reservoirs Environmental Inc.

5601 Logan St. Denver, CO 80216 • PH: 303-964-1986 • FAX: 303-477-4275 • Toll Free: 866-RESERVE

After Hours Cell Phone: 720-339-9228

INVOICE TO: (IF DIFFERENT)

CONTACT INFORMATION:

Company: PENYON ENVIRONMENTAL	Contact: DEBORAH FENANDER
Address: 9100 W JEWELL AVE	Phone:
LAKENWOOD CO 80232	Fax:
Project Number and/or P.O. #: 11279004.8051	Cell/pager: 970-310-1217
Project Description/Location: COLONIAL MOTEL	Final Data Deliverable Email Address: FENANDER@PENYON-ENV.COM

REQUESTED ANALYSIS	VALID MATRIX CODES	LAB NOTES:
ASBESTOS LABORATORY HOURS: Weekdays: 7am - 7pm & Sat. 8am - 5pm	Air = A Bulk = B	
PLM / PCM / TEM <input checked="" type="checkbox"/> RUSH (Same Day) <input type="checkbox"/> PRIORITY (Next Day) <input type="checkbox"/> STANDARD (3-5 Day) (Rush PCM = 2hr, TEM = 6hr.)	Dust = D Paint = P	
CHEMISTRY LABORATORY HOURS: Weekdays: 8am - 5pm	Soil = S Wipe = W	
Metal(s) / Dust**	Swab = SW F = Food	
RCRA 8 / Metals & Welding	Drinking Water = DW Waste Water = WW	
Fume Scan / TCLP**	O = Other	
Organics	**ASTM E1792 approved wipe media only**	
MICROBIOLOGY LABORATORY HOURS: Weekdays: 9am - 6pm		
E.coli and/or Coliforms* 24-48 Hour		
Pathogens* 24-48 Hour		
Microbial Growth* 5-10 Day		
Legionella 10 Day		
Mold RUSH 24 Hr 48 Hr 3 Day 5 Day		
Turnaround times establish a laboratory priority, subject to laboratory volume and are not guaranteed. Additional fees apply for afterhours, weekends and holidays.		
Special Instructions: IF 6 1/2 PPM COUNT		

Client sample ID number (Sample ID's must be unique)	PLM - Short report, Point Count, Long report, Qualitative	TEM - AHERA, Level II, 7402, ISO, +/- (Air, Bulk or Dust), Quant, Semi-Quant, Micro-vac, ISO-Indirect Preps	PCM - 7400A, 7400B, OSHA	DUST - Total, Respirable	METALS - Analyte(s), RCRA 8, TCLP, Welding Fume, Metals Scan, pH	ORGANICS - METH, TSS	Pathogens: Aerobic Plate Count, Salmonella, E. coli O157:H7, Listeria, S. aureus, Campylobacter, +/- or Quantification	E. coli and/or Coliforms: +/- or Quantification	State Water (Please Circle One) Yes / No	Microbial Growth: Aerobic Plate Count ID, Y & M or Bacteria, Fungal, +/- or Quantification	Legionella: +/- or Quantification	Other: Bioaer, LAL or Environmental	Mold: Spore Trap or Bulk: +/- Identification, Quantification, Viable or Non-Viable	SAMPLER'S INITIALS OR OTHER NOTES:	Sample Volume (L) / Area	Matrix Code	# Containers	Date Collected mm/dd/yyyy	Time Collected h/mmm a/p	EM Number (Laboratory Use Only)
1 CIN01-01	X																			2013130 - 2M696tag
2 CEN01-02	X																			
3 CIN01-03	X																			
4 CK07-01	X																			
5 CK07-02	X																			
6 CK07-03	X																			
7 GL02-01	X																			
8 GL02-02	X																			
9 GL02-03	X																			
10 GL02-04	X																			

Number of samples received: (Additional samples shall be listed on attached long form.)
 NOTE: REI will analyze incoming samples based upon information received and will not be responsible for errors or omissions in calculations resulting from the inaccuracy of original data. By signing client/company representative agrees that submission of the following samples for requested analysis as indicated on this Chain of Custody shall constitute an analytical services agreement with payment terms of NET 30 days. Failure to comply with payment terms may result in a 1.5% monthly interest surcharge.

Relinquished By: JANELLE MCGRAW	Date/Time: 1/21/18 5:55	Carrier: Hand	Sample Condition: On Ice Yes / No	Sealed Yes / No	Intact Yes / No
Laboratory Use Only	Date/Time: 1/21/18 5:55	Carrier: Hand	Temp. (F°)	On Ice Yes / No	Sealed Yes / No
Data Entry Contact: Janelle McGraw	Date: 1/21/18	Time: 5:55	Phone Email Fax	Phone Email Fax	Phone Email Fax
QA: Janelle McGraw	Date: 1/21/18	Time: 5:55	Phone Email Fax	Phone Email Fax	Phone Email Fax

RES Job # 249556 Page 43 of 6

Submitted by: Kristen Hill

Client sample ID number (Sample ID's must be unique)	REQUESTED ANALYSIS										VALID MATRIX CODES					LAB NOTES:		
	PLM - Short report, Long report, Point Count	TEM - AHERA, Level II, 7402, ISO, +/-, Quant, Semi-quant, Micro-vac, ISO-Indirect Preps	PCM - 7400A, 7400B, OSHA	DUST - Total, Respirable	METALS - Analyte(s) RCRA 8, TCLP, Welding Fume, Metals Scan	ORGANICS - METH	Pathogens: Aerobic Plate Count, Salmonella, E. coli 0157:H7, Listeria, S.aureus, Campylobacter: +/- or Quantification	E. coli and/or Coliforms: +/- or Quantification	Microbial Growth: Aerobic Plate Count ID, Bacteria or Y & M: +/- or Quantification	Legionella: +/- or Quantification	Other: Bioterror, LAL or Environmental Mold: Spore Trap or Bulk: +/- or Quantification	SAMPLER'S INITIALS OR OTHER NOTES:	Sample Volume (L) / Area	Matrix Code	# Containers		Date Collected mm/dd/yy	Time Collected hh/mm alp
42	X																	2003171
43	X																	2
44	X																	3
45	X																	4
46	X																	5
47	X																	6
48	X																	7
49	X																	8
50	X																	9
51	X																	10
52	X																	11
53	X																	12
54	X																	13
55	X																	14
56	X																	15
57	X																	16
58	X																	17
59	X																	18
60	X																	19
61	X																	20
62	X																	21
63	X																	22
64	X																	23
65	X																	24
66	X																	25
67	X																	26
68	X																	27
69	X																	28
70	X																	29
71	X																	30
72	X																	31

RES Job # 399556 Page 4 of 6
 Submitted by: Kristen Hill

Client sample ID number (Sample ID's must be unique)	REQUESTED ANALYSIS						VALID MATRIX CODES					LAB NOTES:	
	PLM - Short report, Long report, Point Count	TEM - AHERA, Level II, 7402, ISO, +/-, Quant, Semi-quant, Micro-vac, ISO-Indirect Preps	PCM - 7400A, 7400B, OSHA	DUST - Total, Respirable	METALS - Analyte(s) RCRA 8, TCLP, Welding Fume, Metals Scan	ORGANICS - METH, TSS	Pathogens: Aerobic Plate Count, Salmonella, E.coli O157:H7, Listeria, S.aureus, Campylobacter +/- or Quantification	State Water (Please Circle One) Yes / No	Microbial Growth: Aerobic Plate Count (U, T & M or Bacteria, Fungal, +/- or Quantification	Legionella: +/- or Quantification	Other: Bioburden, LAL or Environmental Mold: Spore Trap or Bulk: +/-, Identification, Quantification, Viable or Non-Viable		SAMPLER'S INITIALS OR OTHER NOTES:
73	CK02-03												202
74	CK04-01												5
75	CK04-02												9
76	CK04-03												10
77	CT03-01												1
78	CT03-02												2
79	CT03-03												3
80	CT03-04												4
81	CBA05-01												5
82	CBA05-02												6
83	CBA05-03												7
84	BRK02-01												8
85	BRK02-02												9
86	BRK02-03												10
87	CTA38-01												11
88	CTA38-02												12
89	CTA38-03												13
90	CTA39-01												14
91	CTA39-02												15
92	CTA39-03												16
93	CTA39-04												17
94	CTA40-01												18
95	CTA40-02												19
96	CTA40-03												20
97	CTA41-01												21
98	CTA41-02												22
99	CTA41-03												23
100	CTA42-01												24
101	CTA42-02												25
102	CTA42-03												26
103	PAN04-01												27

RES Job # 399556 Page 62 of 64

Submitted by: Kristen Hill

Client sample ID number (Sample ID's must be unique)

- 11 WA01-01
- 12 WA01-02
- 13 WA01-03
- 14 PL06-02
- 15 PL06-03
- 16 PAN02-01
- 17 PAN02-02
- 18 PAN02-03
- 19 PL14-01
- 20 PL14-02
- 21 PL14-03
- 22 PL14-04
- 23 PL14-05
- 24 PL14-06
- 25 PAN02-04
- 26 BRK02-04
- 27 SUF08-04
- 28 GA42-01 (not on original copy)
- 29
- 30
- 31
- 32
- 33
- 34
- 35
- 36
- 37
- 38
- 39
- 40
- 41

REQUESTED ANALYSIS		VALID MATRIX CODES		LAB NOTES:	
PLM - Short report, Long report, Point Count	TEM - AHERA Level II, 7402, ISO, +/-, Quant, Semi-quant, Micro-vac, ISO-Indirect Preps	Air = A	Bulk = B		
PCM - 7400A, 7400B, OSHA	DUST - Total, Respirable	Dust = D	Paint = P		
METALS - Analyte(s)	RCRA 8, TCLP, Welding Fume, Metals Scan	Soil = S	Wipe = W		
ORGANICS - METH		Swab = SW	F = Food		
Pathogens: Aerobic Plate Count, Salmonella, E. coli, O157:H7, Listeria, S aureus, Campylobacter, +/- or Quantification		Drinking Water = DW	Waste Water = WW		
E. coli and/or Coliforms: +/- or Quantification		O = Other	**ASTM E1792 approved wipe media only**		
Microbial Growth: Aerobic Plate Count ID, Bacteria or Y & M: +/- or Quantification					
Legionella: +/- or Quantification					
Other: Bioburden, LAL or Environmental					
Mold: Spore Trap or Bulk: +/- or Quantification					
SAMPLER'S INITIALS OR OTHER NOTES:					
		Sample Volume (L) / Area	Matrix Code	# Containers	Date Collected mm/dd/yy
					Time Collected hh:mm:ap
					EM Number (Laboratory Use Only)

Handwritten notes in blue ink:
 204 5 4 7 80 7 12 3 5 5 80 1



February 6, 2018

Subcontract Number: NA
Laboratory Report: RES 399556-1RRR
Project # / P.O. # 11279004.8051
Project Description: Colonial Motel

Deborah Fernandez
Pinyon Environmental Engineering
9100 West Jewell Ave. Suite 200
Lakewood CO 80232

Dear Customer,

Reservoirs Environmental, Inc. is an analytical laboratory accredited for the analysis of Industrial Hygiene and Environmental matrices by the National Voluntary Laboratory Accreditation Program (NVLAP), Lab Code 101896-0 for Transmission Electron Microscopy (TEM) and Polarized Light Microscopy (PLM) analysis and the American Industrial Hygiene Association (AIHA), Lab ID 101533 - Accreditation Certificate #480 for Phase Contrast Microscopy (PCM) analysis. This laboratory is currently proficient in both Proficiency Testing and PAT programs respectively.

Reservoirs Environmental, Inc. has analyzed the following samples for asbestos content as per your request. The analysis has been completed in general accordance with the appropriate methodology as stated in the attached analysis table. The results have been submitted to your office.

RES 399556- is the job number assigned to this study. This report is considered highly confidential and the sole property of the customer. Reservoirs Environmental, Inc. will not discuss any part of this study with personnel other than those of the client. The results described in this report only apply to the samples analyzed. This report must not be used to claim endorsement of products or analytical results by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without written approval from Reservoirs Environmental, Inc. Samples will be disposed of after sixty days unless longer storage is requested. If you have any questions about this report, please feel free to call 303-964-1986.

Sincerely,

A handwritten signature in blue ink that reads "Elisa Mari". Below the signature, the text "Elisa Mari for" is printed in a smaller, blue, sans-serif font.

Jeanne Spencer
President

RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

TABLE: PLM BULK ANALYSIS, PERCENTAGE COMPOSITION BY VOLUME

RES Job Number: **RES 399556-1RRR**
 Client: **Pinyon Environmental Engineering**
 Client Project Number / P.O.: **11279004.8051**
 Client Project Description: **Colonial Motel**
 Date Samples Received: **January 24, 2018**
 Method: **EPA 600/R-93/116 - Short Report, Bulk**
 Turnaround: **2 Hour**
 Date Samples Analyzed: **February 06, 2018**

ND=None Detected
 TR=Trace, <1% Visual Estimate
 Trem/Act=Tremolite/Actinolite

Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
CIN01-01	EM 2013130	A	Gray granular cementitious material	100		ND	0	100
CIN01-02	EM 2013131	A	Gray granular cementitious material	100		ND	0	100
CIN01-03	EM 2013132	A	Gray granular cementitious material	100		ND	0	100
CK07-01	EM 2013133	A	White caulk w/ blue paint	100		ND	0	100
CK07-02	EM 2013134	A	White caulk w/ blue paint	100		ND	0	100
CK07-03	EM 2013135	A	White caulk w/ blue paint	100		ND	0	100
GL02-01	EM 2013136	A	Tan/brown glazing	100	Chrysotile	2	0	98
GL02-02	EM 2013137	A	Tan/brown glazing	100	Chrysotile	2	0	98
GL02-03	EM 2013138	A	Tan/brown glazing	100	Chrysotile	2	0	98
GL02-04	EM 2013139	A	Tan/brown glazing	100	Chrysotile	2	0	98
GR01-01	EM 2013140	A	Gray granular plaster	100		ND	0	100
GR01-02	EM 2013141	A	Gray granular plaster	100		ND	0	100
GR01-03	EM 2013142	A	Gray granular plaster	100		ND	0	100

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.

RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

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 Turnaround: **2 Hour**
 Date Samples Analyzed: **February 06, 2018**

ND=None Detected
 TR=Trace, <1% Visual Estimate
 Trem/Act=Tremolite/Actinolite

Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
PL13-01	EM 2013143	A	Beige/white paint	2		ND	0	100
		B	White granular plaster	10		ND	0	100
		C	Gray granular plaster	88		ND	TR	100
PL13-02	EM 2013144	A	Beige/white paint	1		ND	0	100
		B	White granular plaster	10		ND	0	100
		C	Gray granular plaster	89		ND	TR	100
PL13-03	EM 2013145	A	Gray granular plaster	100		ND	TR	100
BRK04-01	EM 2013146	A	Red brick	10		ND	0	100
		B	White paint w/ white granular plaster	90		ND	0	100
BRK04-02	EM 2013147	A	Gray granular material	25		ND	0	100
		B	Red brick	75		ND	0	100
BRK04-03	EM 2013148	A	Red brick w/ gray paint	30		ND	0	100
		B	Gray granular material	70		ND	0	100

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
SVF16-01	EM 2013149	A	Brown mastic	2		ND	0	100
		B	Black felt	28		ND	80	20
		C	Off white/multi-colored sheet vinyl w/ black fibrous backing	70		ND	50	50
SVF16-02	EM 2013150	A	Brown mastic	2		ND	0	100
		B	Black felt	18		ND	80	20
		C	Off white/multi-colored sheet vinyl w/ black fibrous backing	80		ND	50	50
SVF16-03	EM 2013151	A	Brown resinous material	TR		ND	0	100
		B	Tan/brown sheet vinyl w/ black fibrous backing	100		ND	50	50
INS03-01	EM 2013152	A	Silver paint	TR		ND	0	100
		B	Gray woven material	15		ND	95	5
		C	Gray fibrous material	85	Chrysotile	80	5	15

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
INS03-02	EM 2013153	A	Silver paint	1		ND	0	100
		B	Gray woven material	15		ND	95	5
		C	Gray fibrous material	84	Chrysotile	80	5	15
INS03-03	EM 2013154	A	Off white paint	TR		ND	0	100
		B	Yellow-brown resinous	1		ND	0	100
		C	Gray woven material	5		ND	95	5
		D	Gray fibrous material	94	Chrysotile	80	5	15
INS04-01	EM 2013155	A	Gray fibrous plaster	100	Chrysotile	TR	30	70
					Point Count	<0.25		
					Amosite	TR		
					Point Count	<0.25		

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
INS04-02	EM 2013156	A	Yellow fibrous material	5		ND	95	5
		B	Off white fibrous plaster	95	Chrysotile Point Count	TR <0.25	30	70
INS04-03	EM 2013157	A	Gray resinous material	5		ND	0	100
		B	Tan-orange resinous material	25		ND	0	100
		C	Off white paper	25		ND	95	5
		D	Off white fibrous plaster	45	Chrysotile Point Count Amosite Point Count	TR <0.25 TR <0.25	30	70

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					Mineral	Visual Estimate (%)			
VB01-01	EM 2013158	A	Silver paint	TR		ND	0	100	
			B	Tan/black fibrous material	100	ND	90	10	
VB010-02	EM 2013159	A	Brown/black fibrous material	100		ND	90	10	
VB01-03	EM 2013160	A	Brown/black fibrous material	100		ND	90	10	
PL09-10	EM 2013161	A	White/multi-colored paint	10		ND	0	100	
			B	Off white granular material	10		ND	0	100
			C	White granular material	80		ND	0	100
PL09-11	EM 2013162	A	Gray/off white paint	1		ND	0	100	
			B	White granular plaster	20		ND	0	100
			C	Dark gray granular material	79		ND	0	100
PL09-12	EM 2013163		Sample Not Received.						

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
PL10-09	EM 2013164	A	Off white granular material	5		ND	0	100
		B	White/gray paint	25		ND	0	100
		C	White granular plaster	70		ND	0	100
PL10-10	EM 2013165	A	Off white granular material	1		ND	0	100
		B	Light gray granular plaster	1		ND	0	100
		C	White/multi-colored paint	10		ND	0	100
		D	White granular plaster	88		ND	0	100
PL09-08	EM 2013166	A	Gray granular debris	1		ND	TR	100
		B	Gray/multi-colored paint	30		ND	0	100
		C	White plaster	69		ND	0	100
PL09-09	EM 2013167	A	White/multi-colored paint	2		ND	0	100
		B	White plaster	25		ND	0	100
		C	Gray granular plaster	73		ND	TR	100

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
CDW11-04	EM 2013168	A	White paint w/ white compound	25		ND	0	100
		B	Pink/brown drywall	75		ND	15	85
CDW11-05	EM 2013169	A	White compound	5		ND	0	100
		B	White joint compound	5		ND	0	100
		C	White tape	15		ND	95	5
		D	White paint w/ off white texture	35		ND	0	100
		E	Gray/brown drywall	40		ND	35	65
CDW11-06	EM 2013170	A	White paint w/ off white compound	2		ND	0	100
		B	White tape	2		ND	95	5
		C	White joint compound	3		ND	0	100
		D	Gray/brown drywall	93		ND	15	85
CTA28-01	EM 2013171	A	Gray mastic	3	Chrysotile	7	0	93
		B	Black ceramic tile	97		ND	0	100

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RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

TABLE: PLM BULK ANALYSIS, PERCENTAGE COMPOSITION BY VOLUME

RES Job Number: **RES 399556-1RRR**
 Client: **Pinyon Environmental Engineering**
 Client Project Number / P.O.: **11279004.8051**
 Client Project Description: **Colonial Motel**
 Date Samples Received: **January 24, 2018**
 Method: **EPA 600/R-93/116 - Short Report, Bulk**
 Turnaround: **2 Hour**
 Date Samples Analyzed: **February 06, 2018**

ND=None Detected
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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
CTA28-02	EM 2013172	A	Gray mortar	10		ND	0	100
		B	Black ceramic tile	90		ND	0	100
CTA28-03	EM 2013173	A	White grout	TR		ND	0	100
		B	Gray mortar	3		ND	0	100
		C	Black ceramic tile	97		ND	0	100
DWT11-04	EM 2013174	A	White paint w/ greenish compound	1		ND	0	100
		B	White tape	2		ND	95	5
		C	White paint w/ white compound	3		ND	0	100
		D	Pink/green drywall	94		ND	15	85
DWT11-05	EM 2013175	A	White paint w/ off white compound	2		ND	0	100
		B	White compound	3		ND	0	100
		C	Gray/brown drywall	95		ND	15	85

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
PL12-01	EM 2013176	A	White/multi-colored paint	5		ND	0	100
		B	White plaster	10		ND	0	100
		C	Gray granular plaster	85		ND	TR	100
PL12-02	EM 2013177	A	White/multi-colored paint	2		ND	0	100
		B	White plaster	15		ND	0	100
		C	Gray granular plaster	83		ND	TR	100
PL12-03	EM 2013178	A	White/multi-colored paint	10		ND	0	100
		B	White plaster	45		ND	0	100
		C	Gray granular plaster	45		ND	TR	100
SVF15-01	EM 2013179	A	Cream/gray sheet vinyl w/ black fibrous backing	100		ND	50	50
SVF15-02	EM 2013180	A	Dark gray foam	5		ND	0	100
		B	Cream/gray sheet vinyl w/ black fibrous backing	95		ND	50	50

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
SVF15-03	EM 2013181	A	Dark gray foam	1		ND	0	100
			B	Cream/gray sheet vinyl w/ black fibrous backing	99		ND	50
VFT08-01	EM 2013182	A	Brown mastic	2		ND	0	100
			B	Gray tile	98		ND	0
VFT08-02	EM 2013183	A	Cream mastic	2		ND	0	100
			B	Gray tile	98		ND	0
VFT08-03	EM 2013184	A	Cream mastic	2		ND	0	100
			B	Gray tile	98		ND	0
PL30-04	EM 2013185	A	White plaster w/ white/multi-colored paint	20		ND	0	100
			B	Off white granular plaster	80		ND	0
PL30-05	EM 2013186	A	White/multi-colored paint w/ white plaster	20		ND	0	100
			B	Gray granular plaster	80	Chrysotile Point Count	TR	TR
						<0.25		

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
PL30-06	EM 2013187	A	Off white granular plaster	25	Chrysotile	TR	TR	100
					Point Count	<0.25		
VFT04-01	EM 2013188	B	White plaster w/ white/multi-colored paint	75		ND	0	100
		A	Tan/brown adhesive	2		ND	TR	100
VFT04-02	EM 2013189	B	Light gray tile	98		ND	0	100
		A	Tan adhesive	3		ND	TR	100
VFT04-03	EM 2013190	B	Off white tile	97		ND	0	100
		A	Tan adhesive w/ gray debris	4		ND	TR	100
VFT05-01	EM 2013191	B	Off white tile	96		ND	0	100
		A	Tan adhesive w/ gray debris	4		ND	TR	100
VFT05-02	EM 2013192	A	Off white/light beige tile	100		ND	0	100
VFT05-03	EM 2013193	A	Brown adhesive	2		ND	0	100
		B	Off white/light beige tile	98		ND	0	100

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
VFT10-01	EM 2013194	A	Colorless adhesive w/ a trace of black mastic	4	Chrysotile	TR	TR	100
		B	Brown tile	96	Point Count	<0.25		
VFT10-02	EM 2013195	A	Colorless adhesive w/ debris & a trace of black mastic	5	Chrysotile	TR	3	97
		B	Reddish brown tile	95	Point Count	<0.25		
VFT10-03	EM 2013196	A	Black mastic w/ debris	TR	Chrysotile	8	TR	92
		B	Colorless adhesive	5		ND		
		C	Brown tile	95		ND		
CA01-01	EM 2013197	A	Brown adhesive	TR		ND	TR	100
		B	Grayish white/brown carpet	100		ND		
CA01-02	EM 2013198	A	Brown/tan adhesive	1		ND	TR	100
		B	Grayish white/brown carpet	99		ND		

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
CA01-03	EM 2013199	A	Brown/tan adhesive	3		ND	TR	100
			B	Grayish white/brown carpet	97		ND	90
CK02-01	EM 2013200	A	White caulk	100		ND	0	100
CK02-02	EM 2013201	A	Tan fibrous material	15		ND	70	30
			B	White caulk	85		ND	0
CK02-03	EM 2013202	A	White caulk	100		ND	0	100
CK04-01	EM 2013203	A	Brown glazing	35	Chrysotile	5	0	95
			B	Colorless caulk	65		ND	0
CK04-02	EM 2013204	A	White resinous material	50	Chrysotile	8	0	92
			B	Brown glazing	50	Chrysotile	4	0
CK04-03	EM 2013205	A	Brown glazing	100	Chrysotile	5	0	95
CT03-01	EM 2013206	A	White/tan ceiling tile	100		ND	90	10
CT03-02	EM 2013207	A	White/tan ceiling tile	100		ND	90	10

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
CT03-03	EM 2013208	A	White/tan ceiling tile	100		ND	85	15
CT03-04	EM 2013209	A	White/tan ceiling tile	100		ND	85	15
CBA05-01	EM 2013210	A	Tan resinous material	3		ND	0	100
		B	Black resinous material	97	Chrysotile	10	0	90
CBA05-02	EM 2013211	A	Tan resinous material	1		ND	0	100
		B	Black resinous material	99	Chrysotile	10	0	90
CBA05-03	EM 2013212	A	Tan resinous material	4		ND	0	100
		B	Black resinous material	96	Chrysotile	12	0	88
BRK02-01	EM 2013213	A	Red brick	100		ND	0	100
BRK02-02	EM 2013214	A	Off white granular material	3		ND	0	100
		B	Red brick	97		ND	0	100
BRK02-03	EM 2013215		Sample Not Received.					
CTA38-01	EM 2013216	A	Gray granular material	4		ND	0	100
		B	White ceramic tile	96		ND	0	100

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
CTA38-02	EM 2013217	A	Gray granular material	50		ND	0	100
		B	White ceramic tile	50		ND	0	100
CTA38-03	EM 2013218	A	Gray granular material	30		ND	0	100
		B	White ceramic tile	70		ND	0	100
CTA39-01	EM 2013219	A	Gray granular material	5		ND	8	92
		B	Pink/peach ceramic tile	95		ND	0	100
CTA39-02	EM 2013220	A	Gray granular material	3		ND	50	50
		B	Pink/peach ceramic tile	97		ND	0	100
CTA39-03	EM 2013221	A	White grout	TR		ND	0	100
		B	Gray cementitious material	35		ND	0	100
		C	Pink/peach ceramic tile	65		ND	0	100
CTA39-04	EM 2013222	A	White grout	1		ND	0	100
		B	Gray cementitious material	3		ND	0	100
		C	Pink/peach ceramic tile	96		ND	0	100

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
CTA40-01	EM 2013223	A	Gray cementitious material	3		ND	0	100
		B	Black/beige ceramic tile	47		ND	0	100
		C	Gray granular material	50		ND	0	100
CTA40-02	EM 2013224	A	Gray cementitious material	5		ND	0	100
		B	Gray granular material	5		ND	0	100
		C	Black/beige ceramic tile	90		ND	0	100
CTA40-03	EM 2013225	A	Black/beige ceramic tile	100		ND	0	100
CTA41-01	EM 2013226	A	Gray granular cementitious material	20		ND	0	100
		B	Green ceramic tile	80		ND	0	100
CTA41-02	EM 2013227	A	Gray granular cementitious material	15		ND	0	100
		B	White ceramic tile	85		ND	0	100
CTA41-03	EM 2013228	A	Gray granular cementitious material	3		ND	0	100
		B	Green ceramic tile	17		ND	0	100
		C	White ceramic tile	80		ND	0	100

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)	
					Mineral	Visual Estimate (%)			
CTA42-01	EM 2013229	A	Gray granular material	5		ND	0	100	
			B	Red brick	95		ND	0	100
CTA42-02	EM 2013230		Sample Not Received.						
CTA42-03	EM 2013231	A	Gray granular material	4		ND	0	100	
			B	Red brick	96		ND	0	100
PAN04-01	EM 2013232	A	Tan adhesive	3		ND	0	100	
			B	Tan fibrous material	3		ND	90	10
			C	Brown/multi-colored fiberboard	94		ND	80	20
PAN04-02	EM 2013233	A	Tan adhesive	1		ND	0	100	
			B	Brown/multi-colored fiberboard	99		ND	80	20
PAN04-03	EM 2013234	A	Tan adhesive	TR		ND	0	100	
			B	Brown/multi-colored fiberboard	100		ND	80	20
PAN03-01	EM 2013235	A	Tan resinous material	100		ND	0	100	
PAN03-02	EM 2013236	A	Tan resinous material	100		ND	0	100	

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					Mineral	Visual Estimate (%)		
PAN03-03	EM 2013237	A	Tan resinous material	100		ND	0	100
CTA23-01	EM 2013238	A	Gray granular material	8		ND	0	100
		B	Off white ceramic tile	92		ND	0	100
CTA23-02	EM 2013239	A	Gray granular material	8		ND	0	100
		B	Off white ceramic tile	92		ND	0	100
CTA23-03	EM 2013240	A	Gray granular material	15		ND	0	100
		B	Black ceramic tile	85		ND	0	100
DWT05-01	EM 2013241	A	White compound w/ off white paint	15		ND	0	100
		B	Tan/pink drywall	85		ND	70	30
DWT05-02	EM 2013242	A	White compound w/ white paint	20		ND	0	100
		B	Tan/pink drywall	80		ND	85	15
DWT05-03	EM 2013243	A	White compound w/ white paint	30		ND	0	100
		B	Pink/tan drywall	70		ND	50	50

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					Mineral	Visual Estimate (%)		
DWT05-04	EM 2013244	A	White compound w/ white paint	25		ND	0	100
			B	Tan/pink drywall	75		ND	75
DWT12-01	EM 2013245	A	White/tan drywall w/ tan adhesive	100		ND	18	82
DWT12-02	EM 2013246	A	White/tan drywall	100		ND	40	60
DWT12-03	EM 2013247	A	White/tan drywall	100		ND	30	70
PL07-01	EM 2013248	A	White plaster w/ beige/multi-colored paint	30		ND	0	100
			B	Off white granular plaster	70	Chrysotile	TR	0
PL07-02	EM 2013249	A	White plaster w/ off white/multi-colored paint	35		ND	0	100
			B	Off white granular plaster	65	Chrysotile	TR	0
PL07-03	EM 2013250	A	White plaster w/ off white/multi-colored paint	25		ND	0	100
			B	Off white granular plaster	75	Chrysotile	TR	0
						Point Count	<0.25	
						Point Count	<0.25	

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Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
WA02-01	EM 2013251	A	Colorless adhesive	TR		ND	0	100
			Tan wall covering w/ off white/pink paint	100		ND	0	100
WA02-02	EM 2013252	A	Tan wall covering w/ off white/pink paint	100		ND	0	100
WA02-03	EM 2013253	A	Tan wall covering w/ off white/pink paint	100		ND	0	100
TSI03-01	EM 2013254	A	Black foamy material w/ off white resinous material	100		ND	0	100
TSI03-02	EM 2013255	A	Black foamy material w/ off white/multi-colored resinous material	100		ND	0	100
TSI03-03	EM 2013256	A	Black foamy material w/ off white/multi-colored resinous material	100		ND	0	100
VFT06-01	EM 2013257	A	Colorless adhesive	2		ND	0	100
			Gray/multi-colored sheet vinyl w/ gray fibrous backing material	98		ND	35	65

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 TR=Trace, <1% Visual Estimate
 Trem/Act=Tremolite/Actinolite

Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
VFT06-02	EM 2013258	A	Tan adhesive	TR		ND	0	100
			B	Gray/multi-colored sheet vinyl w/ gray fibrous backing material	100		ND	40
VFT06-03	EM 2013259	A	Gray/multi-colored sheet vinyl w/ gray fibrous backing material	100		ND	35	65
VSA01-01	EM 2013260	A	Brown adhesive	5		ND	0	100
			B	Brown/multi-colored resinous material w/ black fibrous backing material	95		ND	45
VSA01-02	EM 2013261	A	Brown adhesive	4		ND	0	100
			B	Brown/multi-colored resinous material w/ black fibrous backing material	96		ND	50
VSA01-03	EM 2013262	A	Brown adhesive	3		ND	0	100
			B	Brown/multi-colored resinous material w/ black fibrous backing material	97		ND	50

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.

RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

TABLE: PLM BULK ANALYSIS, PERCENTAGE COMPOSITION BY VOLUME

RES Job Number: **RES 399556-1RRR**
 Client: **Pinyon Environmental Engineering**
 Client Project Number / P.O.: **11279004.8051**
 Client Project Description: **Colonial Motel**
 Date Samples Received: **January 24, 2018**
 Method: **EPA 600/R-93/116 - Short Report, Bulk**
 Turnaround: **2 Hour**
 Date Samples Analyzed: **February 06, 2018**

ND=None Detected
 TR=Trace, <1% Visual Estimate
 Trem/Act=Tremolite/Actinolite

Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
VSA01-04	EM 2013263	A	Brown adhesive	1		ND	0	100
		B	Brown/multi-colored resinous material w/ black fibrous backing material	99		ND	45	55
WA01-01	EM 2013264	A	White plaster w/ peach paint	20		ND	0	100
		B	Tan/multi-colored wall paper	80		ND	85	15
WA01-02	EM 2013265	A	Tan/multi-colored wall paper	100		ND	85	15
WA01-03	EM 2013266	A	Tan/multi-colored wall paper	100		ND	85	15
PL06-02	EM 2013267	A	Off white/white foamy texture	100		ND	4	96
PL06-03	EM 2013268	A	Off white/beige paint w/ tan plaster	35		ND	0	100
		B	Off white granular plaster	65		ND	0	100
PAN02-01	EM 2013269	A	Tan adhesive	35		ND	0	100
		B	Tan paper	65		ND	90	10
PAN02-02	EM 2013270	A	Tan paper	15		ND	85	15
		B	Tan adhesive	85		ND	0	100

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.

RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

TABLE: PLM BULK ANALYSIS, PERCENTAGE COMPOSITION BY VOLUME

RES Job Number: **RES 399556-1RRR**
 Client: **Pinyon Environmental Engineering**
 Client Project Number / P.O.: **11279004.8051**
 Client Project Description: **Colonial Motel**
 Date Samples Received: **January 24, 2018**
 Method: **EPA 600/R-93/116 - Short Report, Bulk**
 Turnaround: **2 Hour**
 Date Samples Analyzed: **February 06, 2018**

ND=None Detected
 TR=Trace, <1% Visual Estimate
 Trem/Act=Tremolite/Actinolite

Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
PAN02-03	EM 2013271	A	Brown/multi-colored fiberboard	100		ND	85	15
PL14-01	EM 2013272	A	White plaster w/ beige/multi-colored paint	45		ND	0	100
		B	Off white granular plaster	55		ND	TR	100
PL14-02	EM 2013273	A	Off white granular plaster	10	Chrysotile	TR	0	100
					Point Count	<0.25		
PL14-03	EM 2013274	B	Light gray/multi-colored paint w/ white plaster	90		ND	0	100
		A	Off white/multi-colored paint	5		ND	0	100
PL14-04	EM 2013275	B	Off white granular plaster	95	Chrysotile	TR	0	100
					Point Count	<0.25		
PL14-05	EM 2013276	A	Off white granular plaster w/ pink/multi-colored paint	100		ND	0	100
PL14-06	EM 2013277	A	Off white granular plaster w/ brown/green paint	100		ND	TR	100
PAN02-04	EM 2013278	A	Colorless adhesive	2		ND	0	100
		B	Brown/multi-colored fiberboard	98		ND	85	15

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.

RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

TABLE: PLM BULK ANALYSIS, PERCENTAGE COMPOSITION BY VOLUME

RES Job Number: **RES 399556-1RRR**
 Client: **Pinyon Environmental Engineering**
 Client Project Number / P.O.: **11279004.8051**
 Client Project Description: **Colonial Motel**
 Date Samples Received: **January 24, 2018**
 Method: **EPA 600/R-93/116 - Short Report, Bulk**
 Turnaround: **2 Hour**
 Date Samples Analyzed: **February 06, 2018**

ND=None Detected
 TR=Trace, <1% Visual Estimate
 Trem/Act=Tremolite/Actinolite

Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
BRK02-04	EM 2013279	A	Gray granular material	TR		ND	0	100
		B	White granular material	1		ND	0	100
		C	Brown/black brick	40		ND	0	100
		D	Pink-red brick w/ gray paint	59		ND	0	100
SVF08-04	EM 2013280	A	Brown resinous material w/ black tar	1	Chrysotile	7	0	93
		B	Gray sheet vinyl w/ gray fibrous backing	99		ND	20	80
CTA42-04	EM 2013281	A	Gray cementitious material	10		ND	0	100
		B	Terracotta-like material	90		ND	0	100

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.



Brianne Neumann

Analyst



Michael Scales

Analyst



Anita Grigg

Analyst



Gregory Hronich

Analyst / Data QA

Due Date: 1/21/18
 Due Time:

RES 399556

Page 1 of 6

REILAB Reservoirs Environmental Inc.

5601 Logan St. Denver, CO 80216 • PH: 303-964-1986 • FAX: 303-477-4275 • Toll Free: 866-RESERVE

After Hours Cell Phone: 720-339-9228

INVOICE TO: (IF DIFFERENT)

CONTACT INFORMATION:

Company: PENYON ENVIRONMENTAL	Contact: DEBORAH FENANDER
Address: 9100 W JEWELL AVE LAKWOOD CO 80232	Phone:
	Fax:
	Cell/pager:
Project Number and/or P.O. #: 11279004.8051	Final Data Deliverable Email Address: FENANDER@PENYON-ENV.COM
Project Description/Location: COLONIAL MOTEL	

ASBESTOS LABORATORY HOURS: 7am - 7pm & Sat. 8am - 5pm PLM/PCM/TEM <input checked="" type="checkbox"/> PRIORITY (Next Day) <input type="checkbox"/> STANDARD (3-5 Day) (Rush PCM = 2hr, TEM = 6hr.)	REQUESTED ANALYSIS METALS - Analyte(s) RCRA 8, TCLP, Welding Fume, Metals Scan, pH DUST - Total, Respirable PCM - 7400A, 7400B, OSHA Quant, Semi-Quant, Micro-vac, ISO-Indirect Preps TEM - AHERA, Level II, 7402, ISO, +/- (Air, Bulk or Dust) PLM - Short report, Point Count, Long report, Qualitative	VALID MATRIX CODES Air = A Bulk = B Dust = D Paint = P Soil = S Wipe = W Swab = SW F = Food Drinking Water = DW Waste Water = WW O = Other **ASTM E1792 approved wipe media only**	LAB NOTES:
CHEMISTRY LABORATORY HOURS: Weekdays: 8am - 5pm Metal(s) / Dust** RCRA 8 / Metals & Welding Fume Scan / TCLP** Organics MicroBIOLOGY LABORATORY HOURS: Weekdays: 9am - 6pm E.coli and/or Coliforms* Pathogens* Microbial Growth* Legionella Mold **Turnaround times establish a laboratory priority, subject to laboratory volume and are not guaranteed. Additional fees apply for afterhours, weekends and holidays.** Special Instructions: IF 6 1/2 PPM COUNT			

Client sample ID number (Sample ID's must be unique)	ORGANICS - METH, TSS	Pathogens: Aerobic Plate Count, Salmonella, E. coli O157:H7, Listeria, S. aureus, Campylobacter, +/- or Quantification	E. coli and/or Coliforms: +/- or Quantification	State Water (Please Circle One) Yes / No	Microbial Growth: Aerobic Plate Count ID, Y & M or Bacteria, Fungal, +/- or Quantification	Legionella: +/- or Quantification	Other: Bioaerobic, LAL or Environmental	Mold: Spore Trap or Bulk: +/- Identification, Quantification, Viable or Non-Viable	SAMPLER'S INITIALS OR OTHER NOTES:	Sample Volume (L) / Area	Matrix Code	# Containers	Date Collected mm/dd/yyyy	Time Collected h/mmm a/p	EM Number (Laboratory Use Only)
1 CIN01-01															2013130 - NM696tag
2 CEN01-02															
3 CIN01-03															
4 CK07-01															
5 CK07-02															
6 CK07-03															
7 GL02-01															
8 GL02-02															
9 GL02-03															
10 GL02-04															

Number of samples received: (Additional samples shall be listed on attached long form.)
 NOTE: REI will analyze incoming samples based upon information received and will not be responsible for errors or omissions in calculations resulting from the inaccuracy of original data. By signing client/company representative agrees that submission of the following samples for requested analysis as indicated on this Chain of Custody shall constitute an analytical services agreement with payment terms of NET 30 days. Failure to comply with payment terms may result in a 1.5% monthly interest surcharge.

Relinquished By: Received By: JANELLE MCGRAW Date/Time: 1/21/18 5:55 Carrier: Hand / FedEx / UPS / USPS / Drop Box / Courier	Date/Time: _____ Sample Condition: On Ice _____ Sealed _____ Intact _____ Temp. (F°) _____ Yes / No _____ Yes / No _____
Laboratory Use Only Data Entry Contact: _____ QA: _____	Date/Time: _____ Phone Email Fax: _____ Contact: _____ Date/Time: _____ Phone Email Fax: _____ Contact: _____

RES Job # 249556 Page 43 of 6
 Submitted by: Kristen Hill

Client sample ID number (Sample ID's must be unique)	REQUESTED ANALYSIS										VALID MATRIX CODES					LAB NOTES:		
	PLM - Short report, Long report, Point Count	TEM - AHERA, Level II, 7402, ISO, +/-, Quant, Semi-quant, Micro-vac, ISO-Indirect Preps	PCM - 7400A, 7400B, OSHA	DUST - Total, Respirable	METALS - Analyte(s) RCRA 8, TCLP, Welding Fume, Metals Scan	ORGANICS - METH	Pathogens: Aerobic Plate Count, Salmonella, E. coli 0157:H7, Listeria, S aureus, Campylobacter: +/- or Quantification	E. coli and/or Coliforms: +/- or Quantification	Microbial Growth: Aerobic Plate Count ID, Bacteria or Y & M: +/- or Quantification	Legionella: +/- or Quantification	Other: Bioterror, LAL or Environmental Mold: Spore Trap or Bulk: +/- or Quantification	SAMPLER'S INITIALS OR OTHER NOTES:	Sample Volume (L) / Area	Matrix Code	# Containers		Date Collected mm/dd/yy	Time Collected hh:mm alp
42	X																	2003171
43	X																	2
44	X																	3
45	X																	4
46	X																	5
47	X																	6
48	X																	7
49	X																	8
50	X																	9
51	X																	10
52	X																	11
53	X																	12
54	X																	13
55	X																	14
56	X																	15
57	X																	16
58	X																	17
59	X																	18
60	X																	19
61	X																	20
62	X																	21
63	X																	22
64	X																	23
65	X																	24
66	X																	25
67	X																	26
68	X																	27
69	X																	28
70	X																	29
71	X																	30
72	X																	31

RES Job # 399556 Page 4 of 6
 Submitted by: Kristen Hill

Client sample ID number (Sample ID's must be unique)	REQUESTED ANALYSIS						VALID MATRIX CODES					LAB NOTES:	
	PLM - Short report, Long report, Point Count	TEM - AHERA, Level II, 7402, ISO, +/-, Quant, Semi-quant, Micro-vac, ISO-Indirect Preps	PCM - 7400A, 7400B, OSHA	DUST - Total, Respirable	METALS - Analyte(s) RCRA 8, TCLP, Welding Fume, Metals Scan	ORGANICS - METH, TSS	Pathogens: Aerobic Plate Count, Salmonella, E.coli O157:H7, Listeria, S.aureus, Campylobacter +/- or Quantification	State Water (Please Circle One) Yes / No	Microbial Growth: Aerobic Plate Count (U, T & M or Bacteria, Fungal, +/- or Quantification	Legionella: +/- or Quantification	Other: Bioburden, LAL or Environmental Mold: Spore Trap or Bulk: +/-, Identification, Quantification, Viable or Non-Viable		SAMPLER'S INITIALS OR OTHER NOTES:
73	CK02-03												202
74	CK04-01												
75	CK04-02												
76	CK04-03												
77	CT03-01												
78	CT03-02												
79	CT03-03												
80	CT03-04												
81	CBA05-01												
82	CBA05-02												
83	CBA05-03												
84	BRK02-01												
85	BRK02-02												
86	BRK02-03												
87	CTA38-01												
88	CTA38-02												
89	CTA38-03												
90	CTA39-01												
91	CTA39-02												
92	CTA39-03												
93	CTA39-04												
94	CTA40-01												
95	CTA40-02												
96	CTA40-03												
97	CTA41-01												
98	CTA41-02												
99	CTA41-03												
100	CTA42-01												
101	CTA42-02												
102	CTA42-03												
103	PAN04-01												

**Appendix E Laboratory Analytical Reports – Suspect Lead-Based
Paint**



January 26, 2018

Laboratory Code: RES
Subcontract Number: NA
Laboratory Report: RES 399610-1
Project # / PO #: 11279004.8051
Project Description: 2615 E. 46th Ave., Denver
CO

Deborah Fernandez
Pinyon Environmental Engineering
9100 West Jewell Ave. Suite 200
Lakewood CO 80232

Dear Customer,

Reservoirs Environmental, Inc. is an analytical laboratory accredited for the analysis of Industrial Hygiene and Environmental matrices by the American Industrial Hygiene Association, Lab ID 101533 - Accreditation Certificate #480. The laboratory is currently proficient in both IHPAT & ELPAT programs respectively.

Reservoirs has analyzed the following sample(s) using Atomic Absorption Spectroscopy (AAS) / Atomic Emission Spectroscopy - Mass Spectrometry (ICP-MS) per your request. Reported sample results were not blank corrected. The analysis has been completed in general accordance with the appropriate methodology as stated in the analysis table. Results have been sent to your office.

RES 399610-1 is the job number assigned to this study. This report is considered highly confidential and the sole property of the customer. Reservoirs Environmental, Inc. will not discuss any part of this study with personnel other than those authorized by the client. The results described in this report only apply to the samples analyzed. This report shall not be reproduced except in full, without written approval from Reservoirs Environmental, Inc. Samples will be disposed of after sixty days unless longer storage is requested. If you should have any questions about this report, please feel free to call me at 303-964-1986.

Sincerely,

A handwritten signature in blue ink that reads "Jeanne Spencer".

Jeanne Spencer
President

RESERVOIRS ENVIRONMENTAL, INC.

5801 Logan St., Suite 100
Denver CO 80216

TABLE ANALYSIS: LEAD IN PAINT

RES Job Number: **RES 399610-1**
 Client: **Pinyon Environmental Engineering**
 Client Project Number / P.O.: **11279004.8051**
 Client Project Description: **2615 E. 46th Ave., Denver CO**
 Date Samples Received: **January 25, 2018**
 Analysis Type: **USEPA SW846 3050B / AA (7420)**
 Turnaround: **6 Hour**
 Date Samples Analyzed: **January 25, 2018**

Client ID Number	Lab ID Number	Reporting Limit (%)	LEAD CONCENTRATION (%)
PB01-01	EM 2013795	0.0018	0.099
PB01-02	EM 2013796	0.0034	0.13
PB01-03	EM 2013797	0.0040	0.0063
PB01-04	EM 2013798	0.0042	0.063
PB01-05	EM 2013799	0.0037	BRL
PB01-06	EM 2013800	0.0023	0.003
PB01-07	EM 2013801	0.0014	0.014
PB01-08	EM 2013802	0.0027	0.054
PB01-09	EM 2013803	0.0051	0.27
PB01-10	EM 2013804	0.0029	BRL
PB01-11	EM 2013805	0.0022	BRL
PB01-12	EM 2013806	0.0016	0.0018
PB02-01	EM 2013807	0.0024	0.11
PB02-02	EM 2013808	0.0025	0.11
PB02-03	EM 2013809	0.0017	0.38
PB03-01	EM 2013810	0.0017	0.015
PB03-02	EM 2013811	0.0027	0.079
PB04-01	EM 2013857	0.0026	0.044
PB04-02	EM 2013858	0.0038	0.11

* Unless otherwise noted all quality control samples performed within specifications established by the laboratory.


Renee A. Cortez

Analyst / Data QA: _____

BRL = Below Reporting Limit

Bldg 2

Due Date: 1-25-18
Due Time:



RES 399610

5801 Logan St. Denver, CO 80216 • Ph: 303-964-1986 • Fax 303-477-4275 • Toll Free: 866-RES-HEAVEN

INVOICE TO: (IF DIFFERENT)
Company: Pinjon Environmental
Address: 9100 W. Jewell

CONTACT INFORMATION:
Contact: Doroth Fernandez
Phone: 970-380-1217
Fax:
Cell/pager:

Project Number and/or P.O. #: 11279004.8051
Project Description/Location: 2615 E 46th Ave Denver CO
Final Data Deliverable Email Address: fernandez@pinjon-env.com

ASBESTOS LABORATORY HOURS: Weekdays: 7am - 7pm & Sat. 8am - 5pm
PLM / PCM / TEM RUSH (Same Day) PRIORITY (Next Day) STANDARD (3-5 Day)
(Rush PCM = 2hr, TEM = 6hr.)

CHEMISTRY LABORATORY HOURS: Weekdays: 8am - 5pm
Metal(s) / Dust** RUSH 24 hr. 3-5 Day
RUSH (3 Day) 5 Day 10 Day
RCRA 8 / Metals & Welding Fume Scan / TCLP**
Organics 24 hr. 3 day 5 Day

MICROBIOLOGY LABORATORY HOURS: Weekdays: 9am - 6pm
E.coli and/or Coliforms* 24-48 Hour Other:
Pathogens* 24-48 Hour *TAT dependent on speed of microbial growth.*
Microbial Growth* 5-10 Day
Legionella 10 Day
Mold RUSH 24 Hr 48 Hr 3 Day 5 Day

Turnaround times establish a laboratory priority, subject to laboratory volume and are not guaranteed. Additional fees apply for afterhours, weekends and holidays.
Special Instructions:

Client sample ID number (Sample ID's must be unique)
1 PB01-01
2 PB01-02
3 PB01-03
4 PB01-04
5 PB01-05
6 PB01-06
7 PB01-07
8 PB01-08
9 PB01-09
10 PB01-10

PLM - Short report, Point Count, Long report, Qualitative
TEM - AHERA, Level II, 7402, ISO +/- (Air, Bulk or Dust), Quant, Semi-Quant, Micro-vac, ISO-Indirect Preps
PCM - 7400A, 7400B, OSHA
DUST - Total, Respirable
METALS - Analyte(s) Paint chips
RCRA 8, TCLP, Welding Fume, Metals Scan, pH
ORGANICS - METH, TSS
Pathogens: Aerobic Plate Count, Salmonella, E. coli, O157:H7, Listeria, S.aureus, Campylobacter, +/- or Quantification
E. coli and/or Coliforms: +/- or Quantification
State Water (Please Circle One) Yes / No
Microbial Growth: Aerobic Plate Count ID, Y & M or Bacteria, Fungal, +/- or Quantification
Legionella: +/- or Quantification
Other: Biorburden, LAL or Environmental Mold: Spore Trap or Bulk: +/-, Identification, Quantification Viable or Non-Viable

SAMPLER'S INITIALS OR OTHER NOTES:
VALID MATRIX CODES: Air = A Bulk = B
Dust = D Paint = P
Soil = S Wipe = W
Swab = SW F = Food
Drinking Water = DW Waste Water = WW
O = Other
ASTM E1792 approved wipe media only

LAB NOTES: Just 2 EM out of 5 crdly

EM Number (Laboratory Use Only)
2013795
let us 500
27

Sample Volume (L) / Area
Date Collected mm/dd/yyyy
Time Collected hh:mm:ss
Matrix Code
Containers
Date Collected mm/dd/yyyy
Time Collected hh:mm:ss

On Ice Yes / No
Sealed Yes / No
Intact Yes / No
Sample Condition: Temp. (F°) _____

Date/Time: 01/25/18 12:30 Carrier: Hand FedEx / UPS / USPS / Drop Box / Courier
Phone Email Fax Contact
Phone Email Fax Contact

Relinquished By: [Signature]
Laboratory Use Only
Received By: Eusebio

Data Entry Contact: [Signature]
QA: [Signature]

Number of samples received: 19
NOTE: REI will analyze incoming samples based upon information received and will not be responsible for errors or omissions in calculations resulting from the inaccuracy of original data. By signing client/company representative agrees that submission of the following samples for requested analysis as indicated on this Chain of Custody shall constitute an analytical services agreement with payment terms may result in a 1.5% monthly interest surcharge.

Additional samples shall be listed on attached long form.

1-2017_version 1

RES Job # 34510 Page 2 of 2
 Submitted by: Deborah Fernandez Pinyon
11279004.8051

Client sample ID number (Sample ID's must be unique)	PLM - Short report, Long report, Point Count	TEM - AHERA Level II, 7402, ISO, +/-, Quant, Semi-quant, Micro-vac, ISO-Indirect Preps	PCM - 7400A, 7400B, OSHA	DUST - Total, Respirable	METALS - Analyte(s) RCRA 8, TCLP, Welding Fume, Metals Scan	ORGANICS - METH	Pathogens: Aerobic Plate Count, Salmonella, E coli O157:H7, Listeria, S aureus, Campylobacter, +/- or Quantification	E coli and/or Coliforms: +/- or Quantification	Microbial Growth: Aerobic Plate Count ID, Bacteria or Y & M: +/- or Quantification	Legionella: +/- or Quantification	Other Bioburden, LAL or Environmental	Mold: Spore Trap or Bulk: +/- or Quantification	SAMPLER'S INITIALS OR OTHER NOTES:	VALID MATRIX CODES	LAB NOTES:
11														Air = A Dust = D Soil = S Swab = SW Drinking Water = DW Waste Water = WW O = Other **ASTM E1792 approved wipe media only**	
12														Bulk = B Paint = P Wipe = W F = Food	
13															
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40															
41															

Handwritten signature and date:
 1.25.18

Handwritten EM Number and date:
 EM Number 2013805
 1/24/18 day

Handwritten METALS - Analyte(s):
 Paint chips



January 26, 2018

Laboratory Code: RES
Subcontract Number: NA
Laboratory Report: RES 399614-1
Project # / PO #: 11279004.8051
Project Description: 2615 E. 46th Ave.

Deborah Fernandez
Pinyon Environmental Engineering
9100 West Jewell Ave. Suite 200
Lakewood CO 80232

Dear Customer,

Reservoirs Environmental, Inc. is an analytical laboratory accredited for the analysis of Industrial Hygiene and Environmental matrices by the American Industrial Hygiene Association, Lab ID 101533 - Accreditation Certificate #480. The laboratory is currently proficient in both IHPAT & ELPAT programs respectively.

Reservoirs has analyzed the following sample(s) using Atomic Absorption Spectroscopy (AAS) / Atomic Emission Spectroscopy - Mass Spectrometry (ICP-MS) per your request. Reported sample results were not blank corrected. The analysis has been completed in general accordance with the appropriate methodology as stated in the analysis table. Results have been sent to your office.

RES 399614-1 is the job number assigned to this study. This report is considered highly confidential and the sole property of the customer. Reservoirs Environmental, Inc. will not discuss any part of this study with personnel other than those authorized by the client. The results described in this report only apply to the samples analyzed. This report shall not be reproduced except in full, without written approval from Reservoirs Environmental, Inc. Samples will be disposed of after sixty days unless longer storage is requested. If you should have any questions about this report, please feel free to call me at 303-964-1986.

Sincerely,

A handwritten signature in blue ink that reads "Jeanne Spencer".

Jeanne Spencer
President

RES Job # 39944 Page 2 of

Submitted by: _____

Client sample ID number (Sample ID's must be unique)	PLM - Short report, Long report, Point Count	TEM - AHERA, Level II, 7402, ISO, +/-, Quant, Semi-quant, Micro-vac, ISO-Indirect Preps	PCM - 7400A, 7400B, OSHA	DUST - Total, Respirable	METALS - Analyte(s) RCRA 8, TCLP, Welding Fume, Metals Scan <i>Paintshop</i>	ORGANICS - METH	Pathogens: Aerobic Plate Count, Salmonella, E coli 0157:H7, Listeria, S aureus, Campylobacter: +/- or Quantification	E.coli and/or Coliforms: +/- or Quantification	Microbial Growth: Aerobic Plate Count ID, Bacteria or Y & M: +/- or Quantification	Legionella: +/- or Quantification	Other Bioburden, LAL or Environmental	Mold Spore Trap or Bulk: +/- or Quantification	SAMPLER'S INITIALS OR OTHER NOTES:	REQUESTED ANALYSIS	VALID MATRIX CODES	LAB NOTES:
11																
12																
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41																

EM Number
(Laboratory Use Only)
 3013869
 70
 72

Paintshop

Client sample ID number (Sample ID's must be unique)
 PB05-01
 PB06-01
 PB06-02
 PB07-01 Nation original C.O.C.

g



January 22, 2018

Laboratory Code: RES
Subcontract Number: NA
Laboratory Report: RES 399191-1
Project # / PO #: 11279004.8051
Project Description: Colonial

Deborah Fernandez
Pinyon Environmental Engineering
9100 West Jewell Ave. Suite 200
Lakewood CO 80232

Dear Customer,

Reservoirs Environmental, Inc. is an analytical laboratory accredited for the analysis of Industrial Hygiene and Environmental matrices by the American Industrial Hygiene Association, Lab ID 101533 - Accreditation Certificate #480. The laboratory is currently proficient in both IHPAT & ELPAT programs respectively.

Reservoirs has analyzed the following sample(s) using Atomic Absorption Spectroscopy (AAS) / Atomic Emission Spectroscopy - Mass Spectrometry (ICP-MS) per your request. Reported sample results were not blank corrected. The analysis has been completed in general accordance with the appropriate methodology as stated in the analysis table. Results have been sent to your office.

RES 399191-1 is the job number assigned to this study. This report is considered highly confidential and the sole property of the customer. Reservoirs Environmental, Inc. will not discuss any part of this study with personnel other than those authorized by the client. The results described in this report only apply to the samples analyzed. This report shall not be reproduced except in full, without written approval from Reservoirs Environmental, Inc. Samples will be disposed of after sixty days unless longer storage is requested. If you should have any questions about this report, please feel free to call me at 303-964-1986.

Sincerely,

A handwritten signature in blue ink that reads "Jeanne Spencer".

Jeanne Spencer
President

RESERVOIRS ENVIRONMENTAL, INC.

5801 Logan St., Suite 100
Denver CO 80216

TABLE ANALYSIS: LEAD IN PAINT

RES Job Number: **RES 399191-1**
 Client: **Pinyon Environmental Engineering**
 Client Project Number / P.O.: **11279004.8051**
 Client Project Description: **Colonial**
 Date Samples Received: **January 19, 2018**
 Analysis Type: **USEPA SW846 3050B / AA (7420)**
 Turnaround: **6 Hour**
 Date Samples Analyzed: **January 22, 2018**

Client ID Number	Lab ID Number	Reporting Limit (%)	LEAD CONCENTRATION (%)
PB01-01	EM 2010138	0.0023	0.025
PB01-02	EM 2010139	0.0006	0.013
PB01-03	EM 2010140	0.0042	0.14
PB01-04	EM 2010141	0.0038	0.067
PB01-05	EM 2010142	0.0011	0.010
PB01-06	EM 2010143	0.0033	0.13
PB01-07	EM 2010144	0.0020	0.047
PB01-08	EM 2010145	0.0018	0.073
PB01-09	EM 2010146	0.0015	0.0067
PB01-10	EM 2010147	0.0035	0.019
PB01-11	EM 2010148	0.0049	0.040
PB01-12	EM 2010149	0.0032	0.088
PB01-13	EM 2010150	0.0062	0.098
PB02-01	EM 2010151	0.0026	0.020
PB02-02	EM 2010152	0.0028	0.039
PB03-01	EM 2010153	0.0015	0.037
EXPB01-01	EM 2010154	0.0019	0.029
EXPB01-02	EM 2010155	0.0047	BRL
EXPB02-01	EM 2010156	0.0008	0.017
EXPB03-01	EM 2010157	0.0020	0.0046
EXPB04-01	EM 2010158	0.0044	BRL

* Unless otherwise noted all quality control samples performed within specifications established by the laboratory.

Analyst / Data QA: _____


Renee A. Cortez

BRL = Below Reporting Limit

RES Job # 39901 Page 2 of

Submitted by: Phyllis
11279001.8051

Client sample ID number (Sample ID's must be unique)

11	PS01-11
12	PS01-12
13	PS01-13
14	PS02-01
15	PS02-02
16	PS03-01
17	EXPS01-01
18	EXPS01-02
19	EXPS02-01
20	EXPS03-01 yellow concrete
21	EXPS04-01. bed center light pole wood trim
22	
23	
24	
25	
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41	

REQUESTED ANALYSIS		VALID MATRIX CODES				LAB NOTES:
PLM - Short report, Long report, Point Count	TEM - AHERA Level II, 7402, ISO, +/-, Quant, Semi-quant, Micro-vac, ISO-Indirect Preps	Air = A	Bulk = B			EM Number (Laboratory Use Only) 09 50 - 2345970
PCM - 7400A, 7400B, OSHA	DUST - Total, Respirable	Dust = D	Paint = P			
METALS - Analyte(s) <u>paint chips</u>	METALS - Total, Respirable	Soil = S	Wipe = W			
ORGANICS - METH	RCRA 8, TCLP, Welding Fume, Metals Scan	Swab = SW	F = Food			
Pathogens, Aerobic Plate Count, Salmonella, E. coli, O157:H7, Listeria, S. aureus, Campylobacter, +/- or Quantification	E. coli and/or Coliforms +/- or Quantification	Drinking Water = DW	Waste Water = WW			
Microbial Growth, Aerobic Plate Count ID, Bacteria or Y & M: +/- or Quantification	Legionella +/- or Quantification	O = Other	**ASTM E1792 approved wipe media only**			
Other Bioburden, LAL or Environmental	Mold, Spore Trap or Bulk: +/- or Quantification					
SAMPLER'S INITIALS OR OTHER NOTES:						
		Sample Volume (L) / Area	Matrix Code	# Containers	Date Collected mm/dd/yy	Time Collected hh:mm ap

Appendix F

**NESHAP Notification Information and ACM Summary
of Findings**

**NESHAP NOTIFICATION INFORMATION AND
ACM SUMMARY OF FINDINGS**

Owner Colorado Department of Transportation
 Address 2615 E 46th Ave., Denver CO 80216
 Survey Date December 20, 2017 and January 18th through 25th of 2018
 Number of Bulk Samples Collected 488
 Lab Performing Analysis Reservoirs Environmental Inc.
 Survey Inspectors 2

Inspector	Cert. No.	Expiration	Training Center
Deborah Fernandez	9022	03/27/18	Acclaim Environmental
Kristen Hill	21592	10/02/18	Colorado Hazard Control

Based on the analysis of materials identified and collected by Pinyon Environmental, Inc., Regulated Asbestos Containing Materials (RACM) were identified. Exterior window caulking covered approximately 1000 linear feet of the property; exterior glazing covered approximately 1000 linear feet of the property. Insulating material was located in Building 1, Building 2, and the Office including approximately less than 40 linear feet of black tar cork/foam for heating pipe insulation. Throughout the property, TSI was located below the heating units, under the second story plank flooring (approximately 50 linear feet of gray fibrous pipe insulation). TSI was located in the attics of the buildings for approximately 50 linear feet and consisted of white tape insulation on vent ducts. TSI was located in the basements and chases of Building 1, Building 2 and the Office consisting of Air Cell (approximately 8,000 square feet). Sheet vinyl and 9x9 floor tile was located in Building 1, Building 2 and the Office. Three different type of texture drywalls and associated joint compound are located throughout Building 1 and Building 2. A black ceramic tile with gray mastic is located in Building 2. A brittle 4-inch black cove base is located in the Office basement.

Approximately 100 square feet of Category I Non-friable flashing was also identified on the structures.

5. Waste Manifests

5a. Friable Waste Manifests



ASBESTOS NESHAP WASTE SHIPMENT RECORD

1. Generator ID Number: N / A
 2. Page 1 of
 3. Emergency Response Phone: 800-424-9300
 4. Waste Tracking Number: 2234852

5. Generator Name and Mailing Address: COLORADO DEPARTMENT OF TRANSPORTATION, 747 SHERIDAN BLVD UNIT 9A, LAKEWOOD CO 80214
 Generator's Project Address (if different than mailing address): Colonial Manor Motel, 2615 E 46th AV, Denver, CO 80216
 Generator's Phone: (303) 512-5909

6. Transporter 1: Complete Company Name and Address: J280 WASTE SOLUTIONS, 6005 W 62ND AVE
 Transporter Phone: 720 889 0300

7. Transporter 2: Complete Company Name and Address
 Transporter Phone

8. Designated Disposal Facility Name and Site Address: DENVER ARAPAHOE DISPOSAL, 3500 S GUN CLUB RD, AURORA CO 80018
 Facility's Phone: (720) 876-2620

9. Waste Shipping Name, Description, & Profile Number	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	
	No.	Type			
1. RQ, NA 2212, Asbestos, 9,PG III 12877500	1	40 Yard Drum	38	Yards	NONE
2.					

13. Regulatory Agency: Colorado Department of Public Health and Environment, 4300 Cherry Creek Drive South, Denver, CO 80222-1530
 Emergency Notification: CHEMTREC (800) 424-9300, 24-hour Toll Free Number

14. Bill to & Account Number: Customer Acct #: D 14925 Customer Name: JKS INDUSTRIES

15. Contractor/Generator Certification:
 I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/ placarded, and are in all respects in proper condition for transportation and disposal according to applicable national and state governmental regulations.
 I hereby certify that the above described waste is not a hazardous waste as defined by federal, state or local regulations and does not contain regulated quantities of PCB's or radioactive materials.

Generator's/Offor's Printed/Typed Name: KEITH STEFANZK
 Signature: [Signature]
 Month: 3, Day: 1, Year: 18

16. Transporter Acknowledgement of Receipt of Materials
 Transporter 1 Printed/Typed Name: DARRY BALKER
 Signature: [Signature]
 Month: 3, Day: 2, Year: 18
 Transporter 2 Printed/Typed Name
 Signature

17. Special Handling Instructions: Soil originating from the above site shall not be used as daily cover or sold as clean fill.

18. Discrepancy Indication Space:
 19. Ticket #: 3068658
 Initials of Person noting discrepancy _____ Signature _____ Date _____

20. Management Method/Location: Landfill _____ Monofill 6 Location:

21. Designated Disposal Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 18
 Printed/Typed Name: Marie Clark
 Signature: [Signature]
 Month: 3, Day: 2, Year: 18

GENERATOR

TRANSPORTER

DESIGNATED FACILITY



ASBESTOS NESHAP WASTE SHIPMENT RECORD

1. Generator ID Number: N / A
 2. Page 1 of
 3. Emergency Response Phone: 800-424-9300
 4. Waste Tracking Number: 2234853

5. Generator's Name and Mailing Address: COLORADO DEPARTMENT OF TRANSPORTATION
 747 SHERIDAN BLVD UNIT 9A
 LAKEWOOD CO 80214
 Generator's Project Address (if different than mailing address): Colonial Manor Motel
 2615 E 46th AV
 Denver, CO 80216
 Generator's Phone: (303) 512-5999

6. Transporter 1: Complete Company Name and Address: 5280 Waste Solutions 605 W 62nd Ave Denver CO
 Transporter Phone: (719) 884 0300
 7. Transporter 2: Complete Company Name and Address
 Transporter Phone

8. Designated Disposal Facility Name and Site Address: DENVER ARAPAHOE DISPOSAL
 3500 S GUN CLUB RD
 AURORA CO 80018
 Facility's Phone: (720) 876-2620

9. Waste Shipping Name, Description, & Profile Number	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	
	No.	Type			
1. RQ, NA 2212, Asbestos, 9, PG III 12677500	1	40 CY dumpster	38	CY	NONE
2.					

13. Regulatory Agency: Colorado Department of Public Health and Environment
 4300 Cherry Creek Drive South
 Denver, CO 80222-1530
 Emergency Notification: CHEMTREC (800) 424-9300
 24-hour Toll Free Number

14. Bill to & Account Number:
 Customer Acct #: D 14925 Customer Name: JKS INDUSTRIES

15. Contractor/Generator Certification:
 I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/ placarded, and are in all respects in proper condition for transportation and disposal according to applicable national and state governmental regulations.
 I hereby certify that the above described waste is not a hazardous waste as defined by federal, state or local regulations and does not contain regulated quantities of PCB's or radioactive materials.

Generator's/Offeror's Printed/Typed Name: KEITH STEFANIK
 Signature: [Signature]
 Month Day Year: 03 | 02 | 18

16. Transporter Acknowledgement of Receipt of Materials
 Transporter 1 Printed/Typed Name: FRANCISCO MARTINEZ
 Signature: [Signature]
 Month Day Year: 3 | 6 | 18
 Transporter 2 Printed/Typed Name
 Signature
 Month Day Year

17. Special Handling Instructions
 Soil originating from the above site shall not be used as daily cover or sold as clean fill.

18. Discrepancy Indication Space:
 19. Ticket #: 3071050
 Initials of Person noting discrepancy _____ Signature _____ Date _____

20. Management Method/Location
 Landfill _____ Monofill le Location:

21. Designated Disposal Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 18
 Printed/Typed Name: Manick Clark
 Signature: [Signature]
 Month Day Year: 3 | 6 | 18

GENERATOR

TRANSPORTER

DESIGNATED FACILITY

#8 5280 STAGED Jesse



ASBESTOS NESHAP WASTE SHIPMENT RECORD

CWMI
WO # 82903
CIN # 4076

	1. Generator ID Number N / A	2. Page 1 of	3. Emergency Response Phone 800-424-9300	4. Waste Tracking Number 2234854
GENERATOR	5. Generator's Name and Mailing Address COLORADO DEPARTMENT OF TRANSPORTATION 747 SHERIDAN BLVD UNIT 9A LAKEWOOD CO 80214		Generator's Project Address (if different than mailing address) Colonial Manor Motel 2615 E 46th AV Denver, CO 80216	
	Generator's Phone: (303) 512-5909			
	6. Transporter 1: Complete Company Name and Address 5280 Waste Solutions 605 W 62nd Ave Denver, CO 80216		Transporter Phone 720 584 0300	
7. Transporter 2: Complete Company Name and Address		Transporter Phone		
8. Designated Disposal Facility Name and Site Address DENVER ARAPAHOE DISPOSAL 3500 S GUN CLUB RD AURORA CO 80018			Facility's Phone: (720) 876-2620	
9. Waste Shipping Name, Description, & Profile Number	10. Containers		11. Total Quantity	12. Unit Wt./Vol.
	No.	Type		
1. RQ, NA 2212, Asbestos, 9,PG III 12677500	1	40 CY rutoff	38	CY
2.				
13. Regulatory Agency: Colorado Department of Public Health and Environment 4300 Cherry Creek Drive South Denver, CO 80222-1530		Emergency Notification: CHEMTREC (800) 424-9300 24-hour Toll Free Number		
14. Bill to & Account Number: Customer Acct #: D 14925 Customer Name: JKS INDUSTRIES				
15. Contractor/Generator Certification: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/ placarded, and are in all respects in proper condition for transportation and disposal according to applicable national and state governmental regulations. I hereby certify that the above described waste is not a hazardous waste as defined by federal, state or local regulations and does not contain regulated quantities of PCB's or radioactive materials.				
Generator's/Offoror's Printed/Typed Name		Signature		Month Day Year
Jenn Nielson		<i>Jenn Nielson</i>		03 13 18
16. Transporter Acknowledgement of Receipt of Materials				
Transporter 1 Printed/Typed Name		Signature		Month Day Year
Jesse White		<i>Jesse White</i>		03 15 2018
Transporter 2 Printed/Typed Name		Signature		Month Day Year
17. Special Handling Instructions Soil originating from the above site shall not be used as daily cover or sold as clean fill.				
18. Discrepancy Indication Space:				19. Ticket # 3077778
Initials of Person noting discrepancy		Signature		Date
20. Management Method/Location Landfill Monofill <u>6</u> Location:				
21. Designated Disposal Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 18				
Printed/Typed Name		Signature		Month Day Year
Marc Clark		<i>mc</i>		3 15 18



ASBESTOS NESHAP WASTE SHIPMENT RECORD

	1. Generator ID Number N / A	2. Page 1 of	3. Emergency Response Phone 800-424-9300	4. Waste Tracking Number 2234855			
GENERATOR	5. Generator's Name and Mailing Address COLORADO DEPARTMENT OF TRANSPORTATION 747 SHERIDAN BLVD UNIT 9A LAKEWOOD CO 80214		Generator's Project Address (if different than mailing address) Colonial Manor Motel 2615 E 46th AV Denver, CO 80216				
	Generator's Phone: (303) 512-5000						
	6. Transporter 1: Complete Company Name and Address SSB Waste Solution 605 W Blvd		Transporter Phone				
	7. Transporter 2: Complete Company Name and Address		Transporter Phone				
	8. Designated Disposal Facility Name and Site Address DENVER ARAPAHOE DISPOSAL 3500 S GUN CLUB RD AURORA CO 80018		Facility's Phone: (720) 876-2620				
	9. Waste Shipping Name, Description, & Profile Number 1. RQ, NA 2212, Asbestos, 9,PG III 2.	10. Containers		11. Total Quantity	12. Unit Wt./Vol.		
		No.	Type				
		12877500	1	roll off	38	CY	NONE
	13. Regulatory Agency: Colorado Department of Public Health and Environment 4300 Cherry Creek Drive South Denver, CO 80222-1530			Emergency Notification: CHEMTREC (800) 424-9300 24-hour Toll Free Number			
	14. Bill to & Account Number: Customer Acct #: D 14925 Customer Name: JKS INDUSTRIES						
	15. Contractor/Generator Certification: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/ placarded, and are in all respects in proper condition for transportation and disposal according to applicable national and state governmental regulations. I hereby certify that the above described waste is not a hazardous waste as defined by federal, state or local regulations and does not contain regulated quantities of PCB's or radioactive materials.						
	Generator's/Offor's Printed/Typed Name KEITH STEFANSK		Signature 		Month 3	Day 8	Year 18
TRANSPORTER	16. Transporter Acknowledgement of Receipt of Materials						
	Transporter 1 Printed/Typed Name DARRYL BAKER		Signature 		Month 3	Day 9	Year 18
	Transporter 2 Printed/Typed Name		Signature		Month	Day	Year
	17. Special Handling Instructions Soil originating from the above site shall not be used as daily cover or sold as clean fill.						
DESIGNATED FACILITY	18. Discrepancy Indication Space:				19. Ticket # 3073007		
	Initials of Person noting discrepancy		Signature		Date		
	20. Management Method/Location Landfill <input checked="" type="checkbox"/> Monofill <input checked="" type="checkbox"/> Location: ✓						
	21. Designated Disposal Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 18						
	Printed/Typed Name KEO THOMAS		Signature 		Month 3	Day 9	Year 18



ASBESTOS NESHAP WASTE SHIPMENT RECORD

4057-86263 ^{CMRA}

	1. Generator ID Number N / A	2. Page 1 of	3. Emergency Response Phone 800-424-9300	4. Waste Tracking Number 2234876		
GENERATOR	5. Generator's Name and Mailing Address COLORADO DEPARTMENT OF TRANSPORTATION 747 SHERIDAN BLVD UNIT 9A LAKEWOOD CO 80214		Generator's Project Address (if different than mailing address) 3910 High St Denver			
	Generator's Phone: (303) 512-5000		Transporter Phone 720-884-0300			
	6. Transporter 1: Complete Company Name and Address 5280 Waste Solutions 605 W 62nd Ave Denver Co 80221		7. Transporter 2: Complete Company Name and Address 5280 Waste Solutions 605 W 62nd Ave Denver Co 80221			
8. Designated Disposal Facility Name and Site Address DENVER ARAPAHOE DISPOSAL 3500 S GUN CLUB RD AURORA CO 80018		Facility's Phone: (720) 876-2620				
9. Waste Shipping Name, Description, & Profile Number 1. RQ, NA 2212, Asbestos, 9,PG III 2.		10. Containers		11. Total Quantity	12. Unit Wt./Vol.	NONE
		No.	Type			
		1	Roll off	35	SF	
		12677500				
13. Regulatory Agency: Colorado Department of Public Health and Environment 4300 Cherry Creek Drive South Denver, CO 80222-1530			Emergency Notification: CHEMTREC (800) 424-9300 24-hour Toll Free Number			
14. Bill to & Account Number: Customer Acct #: D 14925 Customer Name: JKS INDUSTRIES						
15. Contractor/Generator Certification: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/ placarded, and are in all respects in proper condition for transportation and disposal according to applicable national and state governmental regulations. I hereby certify that the above described waste is not a hazardous waste as defined by federal, state or local regulations and does not contain regulated quantities of PCB's or radioactive materials.						
Generator's/Offoror's Printed/Typed Name KEITH STEPANIK		Signature 		Month	Day	Year
				3	22	18
TRANSPORTER	16. Transporter Acknowledgement of Receipt of Materials					
	Transporter 1 Printed/Typed Name Leonard Sanchez	Signature 	Month	Day	Year	
			3	29	18	
Transporter 2 Printed/Typed Name		Signature	Month	Day	Year	
17. Special Handling Instructions Soil originating from the above site shall not be used as daily cover or sold as clean fill.						
18. Discrepancy Indication Space:					19. Ticket # 308 6275	
Initials of Person noting discrepancy		Signature		Date		
20. Management Method/Location Landfill _____ Monofill G _____ Location:						
21. Designated Disposal Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 18						
Printed/Typed Name AL		Signature 		Month	Day	Year
				3	29	18

5b. Non-Hazardous Waste Manifests

NON-HAZARDOUS WASTE MANIFEST N / A	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone 800-424-9300	4. Waste Tracking Number 449005
---	------------------------	--------------	---	---

5. Generator's Name and Mailing Address COLORADO DEPARTMENT OF TRANSPORTATION 747 SHERIDAN BLVD UNIT 9A LAKEWOOD CO 80214 Generator's Phone: (303) 512- 5909	Generator's Project Address (if different than mailing address) Colonial Manor Motel 2615 E 46th AVE Denver, CO 80216
---	---

6. Transporter 1: Complete Company Name and Address 5780 Waste Solutions 605 W 62nd Ave Denver CO 80221	Transporter Phone 720 884 0300
---	--

7. Transporter 2: Complete Company Name and Address	Transporter Phone
---	-------------------

8. Designated Disposal Facility Name and Site Address DENVER ARAPAHOE DISPOSAL 3500 S GUN CLUB RD AURORA CO 80018 (720) 876- 2620	Facility's Phone:
--	-------------------

9. Waste Shipping Name, Description, & Profile Number	10. Containers		11. Total Quantity	12. Unit Wt./Vol.
	No.	Type		
NON REGULATED SOLID (NON FRIABLE ASBESTOS) 12678600	1	100% DUMPSITE	10	NONE CY
2.				

13. Regulatory Agency: Colorado Department of Public Health and Environment 4300 Cherry Creek Drive South Denver, Co 80222-1530	Emergency Notification: CHEMTREC (800) 424-9300 24-hour Toll Free Number
--	--

14. Bill to & Account Number: Customer Acct #: D 14925 Customer Name: JKS INDUSTRIES
--

15. Contractor/Generator Certification:
I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/ placarded, and are in all respects in proper condition for transportation according to applicable national and state governmental regulations.
I hereby certify that the above described waste is not a hazardous waste defined by federal, state or local regulations and does not contain regulated quantities of PCB's or radioactive materials.

Generator's/Offeror's Printed/Typed Name KETIA STEPANIK	Signature 	Month Day Year 3 19 18
---	---	--------------------------------------

16. Transporter Acknowledgement of Receipt of Materials		
Transporter 1 Printed/Typed Name Robert K. Sasser	Signature 	Month Day Year 3 30 18
Transporter 2 Printed/Typed Name	Signature	Month Day Year

17. Special Handling Instructions

18. Discrepancy Indication Space:	19. Ticket # 3080722
Initials of Person noting discrepancy _____ Signature _____	Date _____

20. Management Method/Location Landfill _____ Monofill 6 Location:
--

21. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 18		
Printed/Typed Name Marie Clark	Signature 	Month Day Year 3 20 18

GENERATOR

TRANSPORTER

DESIGNATED FACILITY

5c. RBM Waste Manifest

Region 8 Enviro, LLC

4810 Newport Street
 Commerce City, CO 80022

303-424-4887

info@r8enviro.com

Invoice

Date	Invoice #
2/28/2018	6145

Bill To
JKS Industries 747 Sheridan Blvd #8 D Lakewood, CO 80214

P.O. No.	Terms	Project
H18026	Net 30	

Quantity	Description	U/M	Rate	Amount
	Colonial Manor Motel 2615 E. 46th Avenue Denver, CO 80216			
2	Recycling of 2' Fluorescent Lamps	ea		
2	U-Tube Fluorescent Lamp Recycling	ea		
5	Compact Fluorescent Lamp Recycling	ea		
2,138	Electronic Waste - Monitors Only	lb		
385	Electronic Waste Recycling - Commingled Stream	lb		
5	Fire Extinguisher(s) Recycling	ea		
3	CFC Recovery/Recycling - Large Refrigerators			
19	CFC Recovery/Recycling - Small Refrigerators			
6	Oxygen, compressed, 2.2, UN1072 (6-9 cubic feet each)			
118	Used Latex Paint (charged by the gallon)			
13	Used Oil Recycling (charged by the gallon)	gal		
3	Used Glycol Recycling (charged by the gallon)	gal		
21	Aerosols Mixed Cans (Cleaners / Pest / Herbicide) - \$190.00 minimum DOT Description: UN1950, Aerosols, Poison, 2.2 (6.1), PGIII, ERG#126	lb		
35	Paint related material including paint thinning, drying, removing, or reducing compound, 3, UN1263, II			
1	Corrosive liquids, n.o.s. (Hydrofluoric Acid) , 8, UN1760, II			
1	Hypochlorite solutions, 8, UN1791, II			
2	Pesticides, liquid, toxic, n.o.s., 6.1, UN2902, II			
1	Non-RCRA regulated Special Waste Liquid - Mixed misc. Chemicals	dr		
1	Denver Metro Pick Up Fee			
1	Global T&D Energy Recovery fee			

WASTE BILL OF LADING & CERTIFICATE OF RECYCLING		P/U Fees: \$25 \$30 \$40 \$45 \$55	BOL#: 26380
<input checked="" type="checkbox"/> Universal Waste	4' Jumbo <input type="checkbox"/> 4' Box <input type="checkbox"/> 8' Jumbo <input type="checkbox"/> 8' Box	\$65 <input checked="" type="checkbox"/> \$75 <input type="checkbox"/> \$85 <input type="checkbox"/> \$95 <input type="checkbox"/> \$105	Shipment Date: 2-19-13
<input type="checkbox"/> TSCA Waste	HID Box <input type="checkbox"/> Battery Box <input type="checkbox"/> 6.5 Gallon Pail	\$115 <input type="checkbox"/> \$125 <input type="checkbox"/> \$135 <input type="checkbox"/> \$145 <input type="checkbox"/> \$155	
<input type="checkbox"/> Special Waste	14-G PD <input type="checkbox"/> 30-G PD <input type="checkbox"/> 55-G PD <input type="checkbox"/> CY Bx	Labor Charges: \$ _____	Emergency Contact (877) 331-2149 Extension 4
Generator Of Waste:	95-G PD <input type="checkbox"/> 55-G SD <input type="checkbox"/> 85-G SD <input type="checkbox"/> GL Box <input type="checkbox"/>	Off Spec. Charge: \$ _____	
Name: Colonial Manor motel		Name: JKS Industries	
Address: 2615 E 46th Ave		Address: 747 Sheridan Blvd #913	
City, State, Zip: Denver, CO 80216		City, State, Zip: Lakewood, CO 80214	
Contact:		Contact:	
Phone:	Fax:	Phone:	Fax:
PO#	Job# H1803-6	PO#	Job#

WASTE BROKERAGE FACILITY:	EPA ID#: COR000231449
<input checked="" type="checkbox"/> R8E, LLC	Destination Facility For Universal Waste
4810 Newport Street	Large Quantity Handler of Universal Waste
Commerce City Colorado 80033-2244	Hazardous Waste Transporter/Transfer Facility
(p) 303-424-4887 (f) 303-424-9193	Used Oil Transporter/Transfer Facility
Email: Mike@R8Enviro.com	US DOT #: 050108 550 051Q HMP-20746
www.R8Enviro.com	US DOT #: 1781660 CO TSCA - EPA Approved PCB Handler

Container	Waste Common Name	DOT Description	Total Quantity	Unit / Wt. Volume
1	4' & UNDER FLUORESCENT LAMP/S RECYCLING	Non-DOT Regulated (per 49 CFR 173.164(e))	2	each
	5' & OVER FLUORESCENT LAMP/S RECYCLING	Non-DOT Regulated (per 49 CFR 173.164(e))		
1	UTUBE FLUORESCENT LAMP/S RECYCLING	Non-DOT Regulated (per 49 CFR 173.164(e))	2	each
1	CIRCULAR FLUORESCENT LAMP/S RECYCLING	Non-DOT Regulated (per 49 CFR 173.164(e))		
1	COMPACT FLUORESCENT LAMP/S RECYCLING	Non-DOT Regulated (per 49 CFR 173.164(e))	5	each
	HID MERCURY/HALIDE/SODIUM LAMP/S RECYCLING	Non-DOT Regulated (per 49 CFR 173.164(e))		
	SHIELD/COATED/GROOVED LAMP/S RECYCLING	Non-DOT Regulated (per 49 CFR 173.164(e))		
	INCANDESCENT LAMP/S RECYCLING	Non-DOT Regulated (per 49 CFR 173.164(e))		
	UV/ARC/IGNITRON LAMP/S RECYCLING	Non-DOT Regulated (per 49 CFR 173.164(e))		
	BROKEN LAMP/S RECYCLING	Non-DOT Regulated (per 49 CFR 173.164(e))		
	CRUSHED FLUORESCENT LAMP/S RECYCLING (processed)	Non-DOT Regulated (per 49 CFR 173.164(e))		
	PCB WASTE RECYCLE/INCINERATION/MICROENCAP	RQ, UN3432, Polychlorinated biphenyls, Solid, 9, PGIII, ERG#171		
	NON-PCB BALLAST RECYCLE/MICROENCAPSULATION	Non-RCRA / Non-DOT Regulated Waste		
3	ESCRAP RECYCLING	Non-DOT Regulated	385	pounds
	MERCURY DEVICE RECYCLING	UN3506, Mercury Contained in Manufactured Articles, 8 (6.1), PGIII, ERG#172		
	LEAD ACID BATTERY RECYCLING	UN2794, Batteries, Wet Filled w/ Acid, 8, PGIII, ERG#154		
	ALKALINE BATTERY RECYCLING	Batteries, Dry, sealed, n.o.s. Special Provision 130		
	NICKEL (Ni-Cad) BATTERY RECYCLING	Batteries, Dry, sealed, n.o.s. Special Provision 130		
	LITHIUM METAL BATTERY RECYCLING - DOT 173.185(d)	UN3090, Lithium Batteries, 9, PGII, ERG#138		
	LITHIUM Ion BATTERY RECYCLING - DOT 173.185(d)	UN3480, Lithium Batteries, 9, PGII, ERG#138		
	WASTE OIL RECYCLING	Special Waste Liquid	13	gallons
	WASTE GLYCOL RECYCLING	Special Waste Liquid	23	gallons
	WASTE AEROSOLS	UN1950, Aerosols, Flammable, 2.1, ERG#126	23	gallons
2	WASTE LATEX PAINT / Mixed Chem	Special Waste Liquid	118	gallons
	LOW RADIATION CONTAINING SMOKE DETECTORS	Special Waste Solid, Nuclear Regulatory Law 10 CFR 32.37		
5	FIRE EXTINGUISHER(S)	Special Waste Solid	5	each
9	METALS RECYCLING	Special Waste Solid		
73	MISCELLANEOUS RECYCLING	CRIT/TK	2,132	pounds
22	MISCELLANEOUS RECYCLING	Waste	22	each

Generator Certification: This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. Unpaid invoices will be assigned to a licensed Collection Agency and subject to Collection Agency Fee's, Attorney's Fee's, Court Costs and Interest.

Signature: _____ **Title:** _____ **Print Name:** _____ **Date:** _____

Transporter 1 Name: <u>Reynolds & Enviro LLC</u>	Transporter 2 Name: _____
Phone Number: <u>303-424-4887</u>	Phone Number: _____
Signature: _____ Date: 2-19-13	Signature: _____ Date: _____

Receiving, subject to the classification and regulations in effect on the date of issue of the Bill of Lading, the property described above is in apparent good order. Please retain a copy of this document as the "Certification of Recycling" for the items and quantities listed above.

Signature: _____ **Date:** 3-6-13





6. OSHA Asbestos Monitoring Documentation

Phase # 2

PERSONAL SAMPLING INFORMATION

Filter Size	Filter Area	Microscopic Field Area
25 mm	385 mm ²	0.00785 mm ²

Job # <u>18-300</u>	Client Job #	Client:	
Worksite: <u>Basement phase #2</u>	Address:		
Sampled By: <u>CL</u>	Date: <u>2-16-18</u>	Analyzed By: <u>[Signature]</u>	Date: <u>2/22/2018</u>

PERSONAL INFORMATION

Name: <u>Micaela Esteban</u>	Soc Security #	Type of Material: <u>TSI</u>	
Protective Equipment (circle what applies) TYVEK SUIT RESPIRATOR OTHER:		Activity: <u>glove bagging</u> <u>Pipes wrapping</u>	Containment: <u>Secondary Cont</u>

PROJECT INFORMATION

SAMPLE NUMBER	Sample Time (min) START STOP TOTAL	FLOW RATE (liters/min) BEGIN END AVG	TOTAL VOLUME	FIBERS/ FIELD	FIBERS/CC	8 - HOUR T.W.A.
---------------	---------------------------------------	--	--------------	------------------	-----------	-----------------

TIME PERIOD #1 ACTIVITY

<u>X-1</u>	7:30 8:00 30	2.0 2.0 2.0	60	3/100	0.025	0.008
<u>P-2</u>	8:00 4:00 480	2.0 2.0 2.0	960	2/100	0.006	0.008

TIME PERIOD #2 ACTIVITY

TIME PERIOD #3 ACTIVITY

PHASE #3

PERSONAL SAMPLING INFORMATION

Job #	Client Job #	Filter Size	Filter Area	Microscopic Field Area
Worksite: <u>Main Office Phase #3</u>	Address:	<u>25 mm</u>	385 mm ²	0.00785 mm ²
Sampled By: <u>Geo Thomas</u>	Date: <u>2 16 18</u>	Client:	Analyzed By: <u>Junter Dymek</u>	Date: <u>2/23/18</u>

PERSONAL INFORMATION

Name: Joseph Ramirez Soc Security #: 24247 Type of Material: FRIABLE

Protective Equipment (circle what applies): TYVEK SUIT RESPIRATOR OTHER: SAFETY GLASSES

Activity: Floor tile mastic Removal Containment: SECONDARY

PROJECT INFORMATION

SAMPLE NUMBER	Sample Time (min)		FLOW RATE (liters/min)			TOTAL VOLUME	FIBERS/FIELD	FIBERS/CC	8 - HOUR T.W.A.	
	START	STOP	BEGIN	END	AVG					
TIME PERIOD #1 ACTIVITY										
<u>X-3</u>	<u>8:00</u>	<u>8:30</u>	<u>30</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>60</u>	<u>7/100</u>	<u>0.06</u>	<u>NA</u>
<u>P-4</u>	<u>8:30</u>	<u>5:00</u>	<u>510</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>1020</u>	<u>CBR</u>		
TIME PERIOD #2 ACTIVITY										
TIME PERIOD #3 ACTIVITY										

PERSONAL SAMPLING INFORMATION

Filter Size	Filter Area	Microscopic Field Area
25 mm	385 mm ²	0.00785 mm ²

Job # <u>18-300</u>	Client Job #	Client:	
Worksite: <u>Phase #7</u>	Address:		
Sampled By: <u>Miguel Leon</u>	Date: <u>07-23-18</u>	Analyzed By: <u>[Signature]</u>	Date: <u>3/1/2018</u>

PERSONAL INFORMATION

Name: <u>Francisco Felipe</u>	Soc Security #	Type of Material: <u>TSI</u>
Protective Equipment (circle what applies) TYVEK SUIT <input type="checkbox"/> RESPIRATOR <input checked="" type="checkbox"/> OTHER: <u>Full face</u>	Activity: <u>Final clean</u>	Containment: <u>Secondary</u>

PROJECT INFORMATION

SAMPLE NUMBER	Sample Time (min) START STOP TOTAL	FLOW RATE (liters/min) BEGIN END AVG	TOTAL VOLUME	FIBERS/ FIELD	FIBERS/CC	8 - HOUR T.W.A.
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TIME PERIOD #1 ACTIVITY

<u>X-5</u>	8:00 8:30 30	2 2 2	60	6/100	0.0099	0.0087
<u>P-6</u>	8:30 11:30 180	2 2 2	360	9/100	0.012	

TIME PERIOD #2 ACTIVITY

TIME PERIOD #3 ACTIVITY

Phase # 8

PERSONAL SAMPLING INFORMATION

		Filter Size	Filter Area	Microscopic Field Area
		25 mm	385 mm ²	0.00785 mm ²
Job # <u>18-300</u>	Client Job #	Client:		
Worksite: <u>Phase # 8</u>	Address:			
Sampled By: <u>Miguel Leon</u>	Date: <u>02-27-18</u>	Analyzed By: <u>Franklyn</u>	Date: <u>3/1/2018</u>	

PERSONAL INFORMATION

Name: <u>Aura De Paz</u>	Soc Security #	Type of Material: <u>Floor mastic.</u>
Protective Equipment (circle what applies) <u>TYVEK SUIT</u> RESPIRATOR OTHER: <u>Full face</u>	Activity: <u>Removal/Final detail</u>	Containment: <u>Full containment</u>

PROJECT INFORMATION

SAMPLE NUMBER	Sample Time (min) START STOP TOTAL	FLOW RATE (liters/min) BEGIN END AVG	TOTAL VOLUME	FIBERS/ FIELD	FIBERS/CC	8 - HOUR T.W.A.
---------------	---------------------------------------	--	-----------------	------------------	-----------	-----------------

TIME PERIOD #1 ACTIVITY

<u>5-X</u>	<u>7:30 8:00 30</u>	<u>2 2 2</u>	<u>60</u>	<u>7/100</u>	<u>0.067</u>	<u>0.0087</u>
<u>6-P</u>	<u>8:00 4:00 480</u>	<u>2 2 2</u>	<u>960</u>	<u>9/100</u>	<u>0.005</u>	

TIME PERIOD #2 ACTIVITY

TIME PERIOD #3 ACTIVITY

PERSONAL SAMPLING INFORMATION

Filter Size	Filter Area	Microscopic Field Area
25 mm	385 mm ²	0.00785 mm ²

Job # <u>18-300</u>	Client Job #	Client:
Worksite: <u>Colonial Motel</u>	Address:	
Sampled By: <u>Carlos Luch</u>	Date: <u>03-08-18</u>	Analyzed By: <u>Plaster/Hydrate</u> Date: <u>3/27/18</u>

PERSONAL INFORMATION

Name: <u>Antonie Perez</u>	Soc Security #	Type of Material: <u>Drywall and Plaster</u>
Protective Equipment (circle what applies) <u>TYVEK SUIT</u> <u>RESPIRATOR</u> OTHER:	Activity: <u>Final detail</u>	Containment: <u>Full Containment</u>

PROJECT INFORMATION

SAMPLE NUMBER	Sample Time (min) START STOP TOTAL	FLOW RATE (liters/min) BEGIN END AVG	TOTAL VOLUME	FIBERS/ FIELD	FIBERS/CC	8 - HOUR T.W.A.
---------------	---------------------------------------	--	-----------------	------------------	-----------	-----------------

TIME PERIOD #1 ACTIVITY

<u>X-5</u>	7:30 8:00 30	2 2 2	60	5/100	0.041	0.006 7
<u>P-6</u>	8:00 4:00 480	2 2 2	960	7/100	0.004	

TIME PERIOD #2 ACTIVITY

TIME PERIOD #3 ACTIVITY

PERSONAL SAMPLING INFORMATION

Filter Size	Filter Area	Microscopic Field Area
25 mm	385 mm ²	0.00785 mm ²

Job #	Client Job #	Client:	
Worksite: 1-10 1st floor windows		Address:	
Sampled By:		Date: 3/27/18	Analyzed By: Hunter Hynes Date: 3/27/18

PERSONAL INFORMATION

Name: Joseph Ramirez	Soc Security #: 24247	Type of Material: cabling
Protective Equipment (circle what applies) <input checked="" type="checkbox"/> TYVEK SUIT <input checked="" type="checkbox"/> RESPIRATOR <input type="checkbox"/> OTHER:	Activity: Removal	Containment: NA →

PROJECT INFORMATION

SAMPLE NUMBER	Sample Time (min) START STOP TOTAL	FLOW RATE (liters/min) BEGIN END AVG	TOTAL VOLUME	FIBERS/ FIELD	FIBERS/CC	8 - HOUR T.W.A.
---------------	---------------------------------------	--	--------------	------------------	-----------	-----------------

TIME PERIOD #1 ACTIVITY

P-1	8:00 3:00 4:20	2 2 2	840 500	7/100	0 NA 0.004	NA
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TIME PERIOD #2 ACTIVITY

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TIME PERIOD #3 ACTIVITY

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7. Foothills Environmental Results and Documentation

**Air Monitoring Report
Asbestos Abatement and
Demolition Activities
Former Colonial Manor Motel
2615 E 46th Avenue
Denver, CO 80216**



Foothills Project No. AS18049
April 3, 2018



Industrial Hygiene, Safety & Environmental Services

**Air Monitoring Report
Asbestos Abatement and Demolition Activities
Former Colonial Manor Motel
2615 E 46th Avenue
Denver, CO 80216**

April 3, 2018

Prepared for: Kiewit Infrastructure Co.
ATTN: Jenn Bradtmueller
District Environmental Manager
160 Inverness Drive West, Suite #110
Englewood, Colorado 80112

A handwritten signature in cursive script that reads "Dylan Hesel".

Prepared by:

Dylan Hesel
Industrial Hygienist

Prepared by:

A handwritten signature in cursive script that reads "Nicolas Vasquez".

Nicolas Vasquez
Technical Services Manager

Submitted by
FOOTHILLS ENVIRONMENTAL, INC.
11099 W. 8th Avenue
Lakewood, Colorado 80215
(303) 232-2660
FEI Project Number: AS18049

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EXECUTIVE SUMMARY

Foothills Environmental, Inc. (FEI) provided limited surveillance and air monitoring services for Kiewit Infrastructure during asbestos abatement activities at the Former Colonial Manor Motel located at 2615 E 46th Avenue in Denver, Colorado (subject property) from February 20th through March 22nd, 2018. Asbestos abatement was conducted in the structure prior to demolition, which is expected to occur starting on or about March 26th, 2018. Oversight was performed during removal of asbestos-containing materials from each abatement phase. JKS Industries completed removal from February 15th to March 22nd, 2018.

FEI's services included limited project oversight, final visual inspections, and clearance air monitoring. Upon completion of visual inspections of each work area after asbestos removal, FEI collected final clearance air samples and released each work area when laboratory results indicated airborne fiber concentrations were:

For spaces being demolished – lower than 0.01 fibers/cubic centimeter (f/cc) required by the EPA using Phase Contrast Microscopy for a minimum of five samples in each containment (where five are collected inside, and two blanks are used).

For roof areas and exterior windows – visual inspection following removal.

The project was considered complete after all work areas in each containment or work area passed clearance criteria.

Based on FEI's observations of work performed throughout the project, visual inspections, and air monitoring results, asbestos removal was completed in accordance with applicable Colorado and federal regulations. At project completion, air-monitoring results indicated that concentrations of airborne fibers were less than the concentration recommended by the USEPA for re-occupancy of abated space in all containment areas being re-occupied or demolished.



Industrial Hygiene, Safety & Environmental Services

Air Monitoring Report Asbestos Abatement and Demolition Activities Former Colonial Manor Motel 2615 E 46th Avenue Denver, Colorado 80216

1 INTRODUCTION

Foothills Environmental, Inc. (FEI) was contracted by Kiewit Infrastructure to perform limited project oversight, final visual inspections, and final clearance air monitoring following asbestos abatement in the former Colonial Manor Motel at 2615 E 46th Avenue located in Denver, Colorado.

As required by National Emission Standards for Hazardous Air Pollutants (NESHAP), and the Asbestos Hazard Emergency Response Act (AHERA), JKS Industries conducted removal of asbestos-containing exterior window caulking, air cell insulation, cove base, vinyl adhesive tile, sheet vinyl flooring, thermal systems insulation and associated radiant heaters, textured drywall, paper duct tape seams, hard-pack fittings, ceramic tile and associated grey mastic, roof flashing, and boiler gaskets.

2 ASBESTOS-CONTAINING MATERIALS IDENTIFIED FOR ABATEMENT

The following asbestos-containing materials (ACM) were selected by the owner to be abated in the subject building (from Pinyon Report and additional sampling during abatement activities):

TABLE 1
RACM to be removed from 2615 E 46th Avenue, Denver, CO:

Homogeneous Sampling Area	Material	Quantity	Asbestos Content
CLK01	Grey Exterior Window Caulk (Miscellaneous)	1000 LF around all exterior (4x4) windows	25% Chrysotile
GL01	Light Grey Window Glazing (Miscellaneous)	1000 LF around all exterior (4x4) windows	3% Chrysotile
INS01	Black Resinous Tar with Brown Cork (Miscellaneous)	<20 LF on base of heater unit piping in Rooms 101- 110, 120-122, 125-126, and 123 (assumed)	4% Chrysotile
TSI01	Grey Fibrous Material (Thermal Systems Insulation)	50 LF Between first and second floors	70% Chrysotile
SVF02	Yellow sheet vinyl flooring with grey fibrous backing material (Miscellaneous)	200 SF Rooms 103-104 kitchens, Room 103	18% Chrysotile in vinyl flooring
DWT02/CDW02	Drywall, joint compound, and texture compound (Surfacing)	3200 SF Rooms 120-127	10% Chrysotile Tremolite/ Actinolite (<1%)
VFT02	Brown floor tile (Miscellaneous)	75 SF Room 110 closet	8% Chrysotile
DWT08/CDW08	Drywall, joint compound, and texture compound (Surfacing)	1400 SF Rooms 228-242	6% Chrysotile
TSI02	White duct insulation on pipes (Thermal Systems Insulation)	50 LF Attic air ducts on second story	85% Chrysotile
SVF14	Yellow sheet vinyl flooring with grey fibrous backing material (Miscellaneous)	110 SF Room 212 kitchen	25% Chrysotile
CBA03	Tan Cove Base Adhesive with Green Sheet Vinyl (Miscellaneous)	<50 LF Room 240 bathroom	17% Chrysotile

SF = Square Feet

LF = Linear Feet

TABLE 1 (continued)
RACM to be removed from 2615 E 46th Avenue, Denver, CO:

Homogeneous Sampling Area	Material	Quantity	Asbestos Content
CK06	White window caulk (Miscellaneous)	<50 LF Room 235 windows	25% Chrysotile
INS03	Heater Pipe Insulation (Thermal Systems Insulation)	<50 LF Rooms 231, 235, 240, 242, 212, 215, 216, 217, 218 on heater	Assumed
DWT09/CDW09	Drywall, joint compound, and texture compound (Surfacing)	700 SF (See Pinyon Report)	3% Chrysotile
GL02	Tan/Brown window glazing (Miscellaneous)	<75 LF Exterior window wells on Building 2	2% Chrysotile
TSI03	Air Cell Insulation (Thermal Systems Insulation)	8000 SF Building 2 basement (Room A, Chase, and Room 219)	80% Chrysotile
CTA28	Ceramic Tile with grey mastic (Miscellaneous)	1000 SF (See Pinyon Report)	8% Chrysotile in mastic
VFT10	Brown tile with black mastic (Miscellaneous)	360 SF Office – Room B	8% Chrysotile
CK04	Interior Grey Window Caulk (Miscellaneous)	<50 LF Room C	8% Chrysotile
CBA05	Cove Base Adhesive (Miscellaneous)	60 LF Room AA	12% Chrysotile
SVF08	Grey Sheet Vinyl (Miscellaneous)	1000 SF Rooms 230-232, 235-236, 238-239, and 242	7% Chrysotile
GCK01	Tan/white door and window caulk (Miscellaneous)	<75 LF Garage windows/doors	25% Chrysotile

SF = Square Feet

LF = Linear Feet

TABLE 2
Non-RACM to be removed from 2615 E 46th Avenue, Denver, CO:

Homogeneous Sampling Area	Material	Quantity	Asbestos Content
FL01	Roof flashing (Miscellaneous)	50 SF Building 1 and Building 2 Roof	10% Chrysotile
FL02	Roof flashing (Miscellaneous)	50 SF Building 1 and Building 2 Roof	7% Chrysotile

SF = Square Feet

LF = Linear Feet

3 SUMMARY OF FIELD ACTIVITIES

Table 2 summarizes the sequence of field activities performed during the project in the order in which they were completed.

TABLE 2
SUMMARY OF FIELD ACTIVITIES

<u>DATE</u>	<u>ABATEMENT FIELD ACTIVITY</u>
2/15/18	JKS Industries mobilize to 2615 E 46 th Avenue and begin construction of containment in Office-Basement, Office-Main, Rooms 103-104 Kitchens, and Room 110 Closet.
2/15 to 2/20	JKS Industries continues construction of containments and begins gross removal of ACM in Detached Garage, Office-Basement, Office-Main, Rooms 103-104 Kitchens, and Room 110 Closet.
2/20/18	FEI performs visual inspection on removed window from the Detached Garage (pass), final visual inspection in Rooms 103-104 Kitchens (pass), final visual inspection and final air clearance of Office-Main basement (pass), final visual inspection and final air clearance of Office-Main upstairs (pass), and final visual inspection of Room 110 Closet (pass).
2/21 to 2/23	JKS Industries begins construction of containments in Rooms 211-212 and begins gross removal of ACM in Rooms 211-212.
2/23/18	FEI performs final air clearance in Rooms 103-104 Kitchens (pass).



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- 2/24 to 2/25 Weekend. No work performed.
- 2/26 to 2/27 JKS Industries begins construction of containments and begins gross removal of ACM in Rooms 120-124, Room 127, Basement Boiler, Basement Room 129, Room 215, and Rooms 217-218. JKS Industries continues gross removal in Rooms 211-212 containments.
- 2/27/18 FEI performs final visual inspection and final air clearance in Rooms 211-212 containment (pass).
- 2/28 to 3/2 JKS continues gross removal in Rooms 120-124, Room 127, Basement Boiler, Basement Room 129, Room 215, and Rooms 217-218.
- 3/3 to 3/4 Weekend. No work performed.
- 3/5/18 FEI performs final visual inspections and final air clearances in Rooms 120-124 (pass), Room 127 (pass), Basement Room 129 (pass), Room 215 (pass), and Rooms 217-218 (pass).
- 3/6 to 3/7 JKS Industries begins gross removal of exterior window caulking and roof flashing. JKS Industries continues gross removal in the Basement Boiler containment.
- 3/7/18 FEI performs final visual inspection and final air clearance in the Basement Boiler containment (pass). FEI begins visual inspections of exterior caulking (pass).
- 3/8 to 3/9 JKS Industries begins construction of containments and begins gross removal of ACM in Rooms 228-235 and Room 241.
- 3/10 to 3/11 Weekend. No work performed.
- 3/12/18 FEI performs final visual inspection and final air clearance of containments in Rooms 228-235 (pass).
- 3/13/18 JKS Industries continues gross removal of exterior window caulking and ACM in Room 241.
- 3/14/18 FEI continues final visual inspections on exterior window caulking (pass). FEI performs final visual inspection and final air clearance in containment in Room 241 (fail).



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- 3/15/18 FEI performs second final visual inspection and final air clearance in containment in Room 241 (pass).
- 3/16/18 FEI performs final visual inspection on exterior window caulking (pass).
- 3/17 to 3/18 Weekend. No work performed.
- 3/19/18 JKS Industries begins demobilizing equipment. FEI signs demolition permit and delivers to JKS Industries.
- 3/20/18 Additional ACM discovered during final pre-demolition walkthrough inspection. JKS Industries remobilizes a small team and begins construction on containment in Room 211.
- 3/21/18 JKS Industries begins gross removal of ACM in Room 211 containment.
- 3/22/18 FEI performs final visual inspection and final air clearance in containment in Room 211 (pass). JKS Industries begins demobilization of remaining equipment and personnel. JKS Industries completes demobilization.

<u>DATE</u>	<u>DEMOLITION FIELD ACTIVITY</u>
3/26/18	Expected start of demolition

INSPECTIONS, AIR MONITORING AND LABORATORY ANALYSIS

Daily Area Samples

Since this site is scheduled for demolition and was vacant at the time of abatement, regulations do not require air monitoring, therefore, FEI did not conduct air monitoring during asbestos removal activities.

Final Visual Inspections and Clearance Samples

Final Visual Inspection and Final Clearance Air Samples were used as the release criteria allowing the abatement contractor to remove engineering controls, dismantle containments, and demobilize. FEI allowed sufficient time for encapsulants (where used) to dry before collecting clearance air samples. Clearance samples were collected using aggressive techniques as required in 40 CFR Part 763, Appendix A to Subpart E (EPA 1995). These techniques included the use of leaf-blowers (5 minutes per 1,000 square feet) and fans (one per 10,000 cubic feet of airspace) to agitate the air.

3.1 Air Sample Collection

Phase Contrast Microscopy (PCM) clearance samples were collected on Environmental Express-brand 25-millimeter (mm) mixed-cellulose ester membrane filters (0.8-micron pore size). The filters were preassembled by the manufacturer in electrically-conductive, three-stage cassettes with extension cowls. Air samples were collected at flow rates between 2.0 and 16.0 liters per minute (LPM). Rates were recorded at the beginning and at the end of the sampling period using a DryCal™ primary flow calibration device.

Clearance air samples were collected open-faced and positioned at breathing zone height (approximately five feet above the floor) with the exposed portion of the cassette facing downward at a 45 degree angle. Clearance visual inspection and monitoring field worksheets were completed for each containment. These sheets are designed to be the primary working document, and contain most information about the clearance sampling activities. Clearance monitoring tabulation field worksheets are included in Appendix A.

3.2 Air Sampling Summary

The following summary in Table 3 provides an overview of air monitoring conducted by FEI. Additional information such as final clearance monitoring worksheets are included in Appendix A and Laboratory results can be found in Appendix B, respectively.

**TABLE 3
AIR SAMPLE RESULTS**

2615 E. 46TH AVENUE (PHASE 2) AIR MONITORING RESULTS (02/20/18)					
<u>Sample No./Type</u> B=Background A=Area C=Clearance		Date	Containment	Sample Description/Location	Analytical Result
COLO2-0220-B01	C	02/20/18	Office Basement	Field Blank	BAS
COLO2-0220-B02	C	02/20/18	Office Basement	Lab Blank	BAS
COLO2-0220-F01	C	02/20/18	Office Basement	Northwest End	0.005 f/cc
COLO2-0220-F02	C	02/20/18	Office Basement	Northwest Corner	<0.001 f/cc
COLO2-0220-F03	C	02/20/18	Office Basement	West Center	<0.001 f/cc
COLO2-0220-F04	C	02/20/18	Office Basement	East Center	0.002 f/cc
COLO2-0220-F05	C	02/20/18	Office Basement	East End	0.002 f/cc

BAS = Below Analytical Sensitivity

NA = Not Analyzed

S/mm² = Structures per square millimeter (for TEM)

f/cc=Fibers per cubic centimeter (for PCM)

C=Clearance

B=Background

A=Ambient



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2615 E. 46 TH AVENUE (PHASE 3) AIR MONITORING RESULTS (02/20/18)					
<u>Sample No./Type</u> B=Background A=Area C=Clearance		Date	Containment	Sample Description/Location	Analytical Result
COLO-0220-B01	C	02/20/18	Office Main	Field Blank	BAS
COLO-0220-B02	C	02/20/18	Office Main	Lab Blank	BAS
COLO-0220-F01	C	02/20/18	Office Main	Southwest Corner	0.001 f/cc
COLO-0220-F02	C	02/20/18	Office Main	Southeast Corner	<0.001 f/cc
COLO-0220-F03	C	02/20/18	Office Main	Center	0.001 f/cc
COLO-0220-F04	C	02/20/18	Office Main	Northeast Corner	0.002 f/cc
COLO-0220-F05	C	02/20/18	Office Main	Northwest Corner	0.003 f/cc

BAS = Below Analytical Sensitivity

NA = Not Analyzed

S/mm² = Structures per square millimeter (for TEM)

f/cc=Fibers per cubic centimeter (for PCM)

C=Clearance

B=Background

A=Ambient

2615 E. 46 TH AVENUE (PHASE 4) AIR MONITORING RESULTS (02/23/18)					
<u>Sample No./Type</u> B=Background A=Area C=Clearance		Date	Containment	Sample Description/Location	Analytical Result
COL-0223-B01	C	02/23/18	Rooms 103-104 Kitchens	Field Blank	BAS
COL-0223-B02	C	02/23/18	Rooms 103-104 Kitchens	Lab Blank	BAS
COL-0223-F01	C	02/23/18	Rooms 103-104 Kitchens	Southeast Corner	<0.001 f/cc
COL-0223-F02	C	02/23/18	Rooms 103-104 Kitchens	South Center	<0.001 f/cc
COL-0223-F03	C	02/23/18	Rooms 103-104 Kitchens	Southwest Corner	<0.001 f/cc
COL-0223-F04	C	02/23/18	Rooms 103-104 Kitchens	Northwest Corner	<0.001 f/cc
COL-0223-F05	C	02/23/18	Rooms 103-104 Kitchens	Northeast Corner	<0.001 f/cc

BAS = Below Analytical Sensitivity

NA = Not Analyzed

S/mm² = Structures per square millimeter (for TEM)

f/cc=Fibers per cubic centimeter (for PCM)

C=Clearance

B=Background

A=Ambient



Industrial Hygiene, Safety & Environmental Services

2615 E. 46 TH AVENUE (PHASE 9)					
AIR MONITORING RESULTS (02/27/18)					
<u>Sample No./Type</u> B=Background A=Area C=Clearance		Date	Containment	Sample Description/Location	Analytical Result
2615-0227-B01	C	02/27/18	Room 212	Field Blank	BAS
2615-0227-B02	C	02/27/18	Room 212	Lab Blank	BAS
2615-0227-F01	C	02/27/18	Room 212	Southeast	<0.001 f/cc
2615-0227-F02	C	02/27/18	Room 212	Southwest	<0.001 f/cc
2615-0227-F03	C	02/27/18	Room 212	Center	<0.001 f/cc
2615-0227-F04	C	02/27/18	Room 212	Northeast	<0.001 f/cc
2615-0227-F05	C	02/27/18	Room 212	Northwest	<0.001 f/cc

BAS = Below Analytical Sensitivity

NA = Not Analyzed

S/mm² = Structures per square millimeter (for TEM)

f/cc=Fibers per cubic centimeter (for PCM)

C=Clearance

B=Background

A=Ambient

2615 E. 46 TH AVENUE (PHASE 10)					
AIR MONITORING RESULTS (02/27/18)					
<u>Sample No./Type</u> B=Background A=Area C=Clearance		Date	Containment	Sample Description/Location	Analytical Result
C01-0227-B01	C	02/27/18	Room 211	Field Blank	BAS
C01-0227-B02	C	02/27/18	Room 211	Lab Blank	BAS
C01-0227-F01	C	02/27/18	Room 211	South Center	<0.001 f/cc
C01-0227-F02	C	02/27/18	Room 211	Northwest Corner	0.002 f/cc

BAS = Below Analytical Sensitivity

NA = Not Analyzed

S/mm² = Structures per square millimeter (for TEM)

f/cc=Fibers per cubic centimeter (for PCM)

C=Clearance

B=Background

A=Ambient



Industrial Hygiene, Safety & Environmental Services

2615 E. 46 TH AVENUE (PHASE 6)					
AIR MONITORING RESULTS (03/05/18)					
<u>Sample No./Type</u> B=Background A=Area C=Clearance		Date	Containment	Sample Description/Location	Analytical Result
COLO6-0305-B01	C	03/05/18	Rooms 120-124, Room 127	Field Blank	BAS
COLO6-0305-B02	C	03/05/18	Rooms 120-124, Room 127	Lab Blank	BAS
COLO6-0305-F01	C	03/05/18	Rooms 120-124, Room 127	Northeast Room	0.003 f/cc
COLO6-0305-F02	C	03/05/18	Rooms 120-124, Room 127	Northwest Room	0.003 f/cc
COLO6-0305-F03	C	03/05/18	Rooms 120-124, Room 127	Hallway	<0.001 f/cc
COLO6-0305-F04	C	03/05/18	Rooms 120-124, Room 127	Southwest Room	<0.001 f/cc
COLO6-0305-F05	C	03/05/18	Rooms 120-124, Room 127	Northwest Room	<0.001 f/cc

BAS = Below Analytical Sensitivity

NA = Not Analyzed

S/mm² = Structures per square millimeter (for TEM)

f/cc=Fibers per cubic centimeter (for PCM)

C=Clearance

B=Background

A=Ambient



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2615 E. 46 TH AVENUE (PHASE 8) AIR MONITORING RESULTS (03/05/18)					
<u>Sample No./Type</u> B=Background A=Area C=Clearance		Date	Containment	Sample Description/Location	Analytical Result
COLO8-0305-B01	C	03/05/18	Basement Room 129	Field Blank	BAS
COLO8-0305-B02	C	03/05/18	Basement Room 129	Lab Blank	BAS
COLO8-0305-F01	C	03/05/18	Basement Room 129	Northwest	0.006 f/cc
COLO8-0305-F02	C	03/05/18	Basement Room 129	Northeast	0.006 f/cc
COLO8-0305-F03	C	03/05/18	Basement Room 129	East	0.004 f/cc
COLO8-0305-F04	C	03/05/18	Basement Room 129	South	0.003 f/cc
COLO8-0305-F05	C	03/05/18	Basement Room 129	Southwest	0.003 f/cc

BAS = Below Analytical Sensitivity

NA = Not Analyzed

S/mm² = Structures per square millimeter (for TEM)

f/cc=Fibers per cubic centimeter (for PCM)

C=Clearance

B=Background

A=Ambient

2615 E. 46 TH AVENUE (PHASE 10-3) AIR MONITORING RESULTS (03/05/18)					
<u>Sample No./Type</u> B=Background A=Area C=Clearance		Date	Containment	Sample Description/Location	Analytical Result
COLO103-0305-B01	C	03/05/18	Room 215	Field Blank	BAS
COLO103-0305-B02	C	03/05/18	Room 215	Lab Blank	BAS
COLO103-0305-F01	C	03/05/18	Room 215	West	0.002 f/cc
COLO103-0305-F02	C	03/05/18	Room 215	East	<0.001 f/cc

BAS = Below Analytical Sensitivity

NA = Not Analyzed

S/mm² = Structures per square millimeter (for TEM)

f/cc=Fibers per cubic centimeter (for PCM)

C=Clearance

B=Background

A=Ambient



Industrial Hygiene, Safety & Environmental Services

2615 E. 46 TH AVENUE (PHASE 10-2)					
AIR MONITORING RESULTS (03/05/18)					
<u>Sample No./Type</u> B=Background A=Area C=Clearance		Date	Containment	Sample Description/Location	Analytical Result
COLO102-0305-B01	C	03/05/18	Room 217	Field Blank	BAS
COLO102-0305-B02	C	03/05/18	Room 217	Lab Blank	BAS
COLO102-0305-F01	C	03/05/18	Room 217	West	0.002 f/cc
COLO102-0305-F02	C	03/05/18	Room 217	East	<0.001 f/cc

BAS = Below Analytical Sensitivity

NA = Not Analyzed

S/mm² = Structures per square millimeter (for TEM)

f/cc=Fibers per cubic centimeter (for PCM)

C=Clearance

B=Background

A=Ambient

2615 E. 46 TH AVENUE (PHASE 10-1)					
AIR MONITORING RESULTS (03/05/18)					
<u>Sample No./Type</u> B=Background A=Area C=Clearance		Date	Containment	Sample Description/Location	Analytical Result
COLO101-0305-B01	C	03/05/18	Room 218	Field Blank	BAS
COLO101-0305-B02	C	03/05/18	Room 218	Lab Blank	BAS
COLO101-0305-F01	C	03/05/18	Room 218	East	<0.001 f/cc
COLO101-0305-F02	C	03/05/18	Room 218	West	<0.001 f/cc

BAS = Below Analytical Sensitivity

NA = Not Analyzed

S/mm² = Structures per square millimeter (for TEM)

f/cc=Fibers per cubic centimeter (for PCM)

C=Clearance

B=Background

A=Ambient



Industrial Hygiene, Safety & Environmental Services

2615 E. 46 TH AVENUE (PHASE 7)					
AIR MONITORING RESULTS (03/07/18)					
<u>Sample No./Type</u> B=Background A=Area C=Clearance		Date	Containment	Sample Description/Location	Analytical Result
COLO-0307-B01	C	03/07/18	Basement Boiler	Field Blank	BAS
COLO-0307-B02	C	03/07/18	Basement Boiler	Lab Blank	BAS
COLO-0307-F01	C	03/07/18	Basement Boiler	North	0.003 f/cc
COLO-0307-F02	C	03/07/18	Basement Boiler	East Center	<0.001 f/cc
COLO-0307-F03	C	03/07/18	Basement Boiler	West Center	<0.001 f/cc
COLO-0307-F04	C	03/07/18	Basement Boiler	Southeast	0.002 f/cc
COLO-0307-F05	C	03/07/18	Basement Boiler	Southwest	0.003 f/cc

BAS = Below Analytical Sensitivity

NA = Not Analyzed

S/mm² = Structures per square millimeter (for TEM)

f/cc=Fibers per cubic centimeter (for PCM)

C=Clearance

B=Background

A=Ambient

2615 E. 46 TH AVENUE (PHASE 11)					
AIR MONITORING RESULTS (03/12/18)					
<u>Sample No./Type</u> B=Background A=Area C=Clearance		Date	Containment	Sample Description/Location	Analytical Result
COLO11-0312-B01	C	03/12/18	Rooms 228-235	Field Blank	BAS
COLO11-0312-B02	C	03/12/18	Rooms 228-235	Lab Blank	BAS
COLO11-0312-F01	C	03/12/18	Rooms 228-235	Northeast Room	0.004 f/cc
COLO11-0312-F02	C	03/12/18	Rooms 228-235	East Room	0.002 f/cc
COLO11-0312-F03	C	03/12/18	Rooms 228-235	Hallway	0.003 f/cc
COLO11-0312-F04	C	03/12/18	Rooms 228-235	Southeast Room	<0.001 f/cc
COLO11-0312-F05	C	03/12/18	Rooms 228-235	Southwest Room	<0.001 f/cc

BAS = Below Analytical Sensitivity

NA = Not Analyzed

S/mm² = Structures per square millimeter (for TEM)

f/cc=Fibers per cubic centimeter (for PCM)

C=Clearance

B=Background

A=Ambient



Industrial Hygiene, Safety & Environmental Services

2615 E. 46 TH AVENUE (PHASE 10-4) AIR MONITORING RESULTS (03/12/18)					
<u>Sample No./Type</u> B=Background A=Area C=Clearance		Date	Containment	Sample Description/Location	Analytical Result
COLO-0314-B01	C	03/14/18	Room 241	Field Blank	BAS
COLO-0314-B02	C	03/14/18	Room 241	Lab Blank	BAS
COLO-0314-F01	C	03/14/18	Room 241	South	0.028 f/cc
COLO-0314-F02	C	03/14/18	Room 241	North	0.029 f/cc

BAS = Below Analytical Sensitivity

NA = Not Analyzed

S/mm² = Structures per square millimeter (for TEM)

f/cc=Fibers per cubic centimeter (for PCM)

C=Clearance

B=Background

A=Ambient

2615 E. 46 TH AVENUE (PHASE 10-4) AIR MONITORING RESULTS (03/14/18-03/15/18)					
<u>Sample No./Type</u> B=Background A=Area C=Clearance		Date	Containment	Sample Description/Location	Analytical Result
COLO10-0315-B01	C	03/15/18	Room 241	Field Blank	BAS
COLO10-0315-B02	C	03/15/18	Room 241	Lab Blank	BAS
COLO10-0315-F01	C	03/15/18	Room 241	South Side	<0.001
COLO10-0315-F02	C	03/15/18	Room 241	North Side	<0.001

BAS = Below Analytical Sensitivity

NA = Not Analyzed

S/mm² = Structures per square millimeter (for TEM)

f/cc=Fibers per cubic centimeter (for PCM)

C=Clearance

B=Background

A=Ambient



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2615 E. 46TH AVENUE					
AIR MONITORING RESULTS (03/22/18)					
<u>Sample No./Type</u>		Date	Containment	Sample Description/Location	Analytical Result
B=Background A=Area C=Clearance					
COLO-0322-B01	C	03/22/18	Room 211	Field Blank	BAS
COLO-0322-B02	C	03/22/18	Room 211	Lab Blank	BAS
COLO-0322-F01	C	03/22/18	Room 211	Northeast	0.001 f/cc
COLO-0322-F02	C	03/22/18	Room 211	Northwest	<0.001 f/cc
COLO-0322-F03	C	03/22/18	Room 211	Center	<0.001 f/cc
COLO-0322-F04	C	03/22/18	Room 211	Southeast	0.001 f/cc
COLO-0322-F05	C	03/22/18	Room 211	Southwest	0.001 f/cc

BAS = Below Analytical Sensitivity

NA = Not Analyzed

S/mm² = Structures per square millimeter (for TEM)

f/cc=Fibers per cubic centimeter (for PCM)

C=Clearance

B=Background

A=Ambient

4 INSPECTION AND AIR MONITORING RESULTS

Inspection and air monitoring activities were recorded in air monitoring tabulation field worksheets by FEI personnel. Each area abated was cleared for re-occupancy subsequent to final clearance inspections and air monitoring results. All final clearance sampling for the work area was below the EPA clearance level of 0.01 f/cc (fibers per cubic centimeter). The project was considered complete when all containments passed clearance criteria.

5 BULK SAMPLING AND RESULTS

Following are results of bulk samples collected during abatement to find materials previously untested for ACM:

The following table summarizes the sample results collected from the basement boiler area of the **Colonial Manor Motel at 2615 E. 46th Avenue:**

Data #	Sample Number	Material Description	Sample Location	Condition	Approx. ACM Quantity	Analytical Result
1	COLO-TSI01-01	Hard-fitted elbow pipe insulation (off-white)	Basement boiler area, south pipes, east side fittings, north fitting	D/F	10 fittings	0.5% Chrysotile by point count
2	COLO-TSI01-02		Basement boiler area, south pipes, fittings at stairs, south fitting	G/F		0.75% Chrysotile by point count
3	COLO-TSI01-03		Basement boiler area, south pipes, fittings at west side, north fitting	G/F		1% Chrysotile by point count
4	COLO-GAS01-01	Boiler gasket (brown)	Boiler, north side, center area of gasket	G/NF	20 SF	65% Chrysotile
5	COLO-BREF01-01	Boiler refractory materials (off-white/brown)	Boiler, north side, near northwest corner	D/F	30 SF	ND
6	COLO-BMUD01-01	Mudded boiler insulation (off-white)	Boiler, north side, near northwest corner	D/F	10 SF	ND
7	COLO-BINS01-01	Fibrous boiler insulation (off-white)	Boiler, south side, center	D/F	40 SF	ND
8	COLO-FBRICK01-01	Fire brick	Boiler room, floor, beneath removed boiler	D/NF	10 SF	ND
9	COLO-FBRICK01-02		Boiler room, floor, beneath removed boiler	D/NF		ND
10	CM-WW01-01	Woven wire insulation (tan)	Room 127, bathroom, northeast	G/NF	10 SF	ND
11	CM-WW01-02		Room 127, bathroom, northwest	G/NF	10 SF	ND
12	CM-SVF4-01	Vinyl sheet flooring (yellow) with fibrous backing (grey)	Room 211 Kitchen, floor	G/NF	75 SF	28% Chrysotile in vinyl sheet flooring
13	CM-SVF4-02		Room 211 Kitchen, floor	G/NF	75 SF	
14	CM-OFF-PL01-01	Plaster (white)	Office, east wall	G/NF	200 SF	ND
15	CM-OFF-PL01-02		Office, south wall	G/NF	200 SF	<0.25% Chrysotile by point count
16	CM-OFF-PL01-03		Office, west wall	G/NF	200 SF	<0.25% Chrysotile by point count
17	CM-CB01-01	Black foam	Office basement, south, east floor	G/NF	50 SF	ND
18	CM-CB01-02	Black foam	Office basement, south, center floor	G/NF	50 SF	ND

F= friable
NF=non-friable

†= approximate total square feet of drywall

G=good
D=damaged
SD=severely damaged
SF=square feet
LF=lineal feet

ND=none detected
*= multiple layers

6 CONCLUSIONS

Based on visual observations the containments were constructed, cleaned, and decontaminated in accordance with applicable regulations. Based on final clearance visual inspections and air monitoring results, all containments passed the clearance levels set by the USEPA. At project completion, air-monitoring results indicated that the all concentration of airborne fibers were less than the concentration recommended for re-occupancy of an abated space.

7 LIMITATIONS

FEI cannot document or comment on all day-to-day activities and events with respect to compliance with regulation and specifications. However, based on inspections conducted during the asbestos removal, JKS Industries' work appeared to conform to all applicable regulations.



Industrial Hygiene, Safety & Environmental Services

APPENDIX A

AIR SAMPLING AND INSPECTION FORMS (DAILY MONITORING AND AIR SAMPLING)



Asbestos Abatement

Final Visual Inspection Checklist

Date 2/20/18 Project COLONIAL MOTEL Project# AS18049

Inspector NIC VASQUEZ

Contractor JKS Supervisor MIGUEL LEON

Containment #/location PHASE I - GARAGE

Number of Inspection (Prior to passing) 1 X 2 ___ 3 ___ 4 ___ 5 ___

Description of containment during inspection

<u>Residual dust on:</u>	<u>Yes</u>	<u>No</u>	<u>N/A</u>	<u>Corrective Measure Taken?</u>
Floors	___	X	___	_____
Walls	___	X	___	_____
Ceilings	___	X	___	_____
Pipes	___	X	___	_____
Light Fixtures	___	X	___	_____
NAM's	___	X	___	_____
Ducts	___	X	___	_____
Other Horizontal Surfaces	___	X	___	_____
Is all equipment removed from area?	X	___	___	_____
Is encapsulation complete and dry?	___	___	X	_____
Are all drums and containers removed labeled and stored?	X	___	___	_____
All barriers, except criticals, removed	X	___	___	_____
Are prior daily air monitoring results at or below 0.01f/cc?	___	___	X	_____

Type of clearance and Results of sampling:

Visual only	<input checked="" type="checkbox"/>	_____	_____	_____
PCM	<input type="checkbox"/>	_____	_____	_____
TEM	<input type="checkbox"/>	_____	_____	_____
Pass	<input checked="" type="checkbox"/>	Fail	<input type="checkbox"/>	_____

Record additional problems or comments:



Asbestos Abatement

Final Visual Inspection Checklist

Date 2/26 Project COLONIAL MOTEL Project# AS18049

Inspector NIC VASQUEZ

Contractor JKS Supervisor MIGUEL LEON

Containment #/location PHASE II BASEMENT 2ND

Number of Inspection (Prior to passing) 1 X 2 3 4 5

Description of containment during Inspection

<u>Residual dust on:</u>	<u>Yes</u>	<u>No</u>	<u>N/A</u>	<u>Corrective Measure Taken?</u>
Floors	<u>X</u>	<u> </u>	<u> </u>	<u>VACUUM</u>
Walls	<u>X</u>	<u> </u>	<u> </u>	<u>VAC</u>
Ceilings	<u> </u>	<u>X</u>	<u> </u>	<u> </u>
Pipes	<u>X</u>	<u> </u>	<u> </u>	<u>VAC</u>
Light Fixtures	<u> </u>	<u>X</u>	<u> </u>	<u> </u>
NAM's	<u> </u>	<u>X</u>	<u> </u>	<u> </u>
Ducts	<u> </u>	<u>X</u>	<u> </u>	<u> </u>
Other Horizontal Surfaces	<u>X</u>	<u> </u>	<u> </u>	<u>VAC</u>
Is all equipment removed from area?	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
Is encapsulation complete and dry?	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
Are all drums and containers removed labeled and stored?	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
All barriers, except criticals, removed	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
Are prior daily air monitoring results at or below 0.01f/cc?	<u> </u>	<u> </u>	<u>X</u>	<u> </u>

Type of clearance and Results of sampling:

Visual only	<input type="checkbox"/>	<u> </u>	<u> </u>	<u> </u>
PCM	<input checked="" type="checkbox"/>	<u> </u>	<u> </u>	<u> </u>
TEM	<input type="checkbox"/>	<u> </u>	<u> </u>	<u> </u>
Pass	<input checked="" type="checkbox"/>	Fail	<input type="checkbox"/>	<u> </u>

Record additional problems or comments:

FOOTHILLS ENVIRONMENTAL, INC.

Industrial Hygiene, Safety & Environmental Services Telephone: (303) 232-2660

Fax: (303) 232-4960

ASBESTOS AIR SAMPLING FORM

Client: JKS Project Location: COLONIAL MOTEL Phase: II BASEMENT

Project Number: AS18 PO Number: _____ Sampled By: NIC VASQUEZ Date: 02/20/2018

Prefix Number COLO2-0220- Calibration Method/SN DryCal / 137057 Cassette Type/Lot #: PCM 147451

Sample	Sample Location/Person Sampled	Time On	Time Off	Total Minutes	Flow Start (L/min)	Flow End (L/min)	Average Flow	Volume (L)	fibers field	fiber density	LOQ	f/cc	Comments
B01													
B02													
F01	NW SE END	1242	1426	104	11.45	13.17	12.31	1280.2 1208					
F02	NW CORNER	1244	1426	102	14.52	15.90	15.21	1551.4					
F03	W CENTER	1245	1427	102	15.42	15.68	15.55	1586.1					
F04	EAST WEST CENTER	1246	1428	102	14.83	15.22	15.03	1532.6					
F05	EAST WEST END	1247	1429	102	15.13	15.61	15.37	1567.7					

Name: _____ Analyst Signature: _____ Date: _____
 Blind Recount Sample # _____ fibers/field _____ Data entered



Asbestos Abatement

Final Visual Inspection Checklist

Date 2-20-18 Project Colonial Motel Project# AS18049
Inspector Nic Vasquez
Contractor JKS Supervisor Miguel Leon
Containment #/location Phase 3 - Main Floor office
Number of Inspection (Prior to passing) 1 X 2 3 4 5

Description of containment during inspection

Table with 4 columns: Residual dust on, Yes, No, N/A, Corrective Measure Taken? Rows include Floors, Walls, Ceilings, Pipes, Light Fixtures, NAM's, Ducts, Other Horizontal Surfaces, Is all equipment removed from area?, Is encapsulation complete and dry?, Are all drums and containers removed labeled and stored?, All barriers, except criticals, removed, Are prior daily air monitoring results at or below 0.01f/cc?

Type of clearance and Results of sampling:

Visual only [X], PCM [X], TEM [], Pass [], Fail [X]

Record additional problems or comments:

FLOOR TILE + MAS OBSERVED, REQUIRING ADDN WORK. WILL RESCHEDULE CLEARANCE ONCE REMOVED. UNDER BASEBOARD.



Asbestos Abatement

Final Visual Inspection Checklist

Date 2-20-18 Project Colonial Motel Project# AS

Inspector Nic Vazquez

Contractor JKS Supervisor Miguel Leon

Containment #/location Phase 3 - Main Floor Office

Number of Inspection (Prior to passing) 1 ___ 2 X 3 ___ 4 ___ 5 ___

Description of containment during Inspection

<u>Residual dust on:</u>	<u>Yes</u>	<u>No</u>	<u>N/A</u>	<u>Corrective Measure Taken?</u>
Floors	X			Vac
Walls		X		
Ceilings	X			Vac + Wet Wipe
Pipes		X		
Light Fixtures		X		
NAM's		X		
Ducts		X		
Other Horizontal Surfaces		X		
Is all equipment removed from area?	X			
Is encapsulation complete and dry?			X	
Are all drums and containers removed labeled and stored?	X			
All barriers, except criticals, removed	X			
Are prior daily air monitoring results at or below 0.01f/cc?			X	

Type of clearance and Results of sampling:

Visual only	<input type="checkbox"/>	_____	_____	_____
PCM	<input checked="" type="checkbox"/>	_____	_____	_____
TEM	<input type="checkbox"/>	_____	_____	_____
Pass	<input checked="" type="checkbox"/>	Fail	<input type="checkbox"/>	

Record additional problems or comments:

FOOTHILLS ENVIRONMENTAL, INC.

Industrial Hygiene, Safety & Environmental Services Telephone: (303) 232-2660

Fax: (303) 232-4960

ASBESTOS AIR SAMPLING FORM

Client: JKS INDUSTRIES Project Location: COLONIAL MOTEL Phase: II

Project Number: AS18049 PO Number: _____ Sampled By: NIC VASQUEZ Date: 2/20/18

Prefix Number COL-0220- Calibration Method/SN DryCal/137057 Cassette Type/Lot #: PCM/47451

Sample FE Number	Sample Location/Person Sampled	Time On	Time Off	Total Minutes	Flow Start (L/min)	Flow End (L/min)	Average Flow	Volume (L)	fibers ft ³	fiber density	LCQ	f/cc	Comments
B01	FIELD BLANK												
B02	LAB BLANK												
F01	SW CORNER	12:10	14:12	14:02	14.94	15.02							
F02	SE CORNER	12:13	14:14	14:01	15.24	15.43							
F03	CENTRAL	12:14	14:15	14:01	15.41	15.10							
F04	NE CORNER	12:16	14:15	13:59	15.17	15.10							
F05	NW CORNER	12:16	14:16	14:00	15.24	15.70							

Name: _____ Analyst Signature: _____ Date: _____
 Blind Recount Sample # _____ fibers/field _____ Data entered



Asbestos Abatement

Final Visual Inspection Checklist

Date 2-23-18 Project Colonial Motel Project# A518049

Inspector Nic Vasquez

Contractor JKS Supervisor Miguel Leon

Containment #/location Phase 4 - unit 103 (~~APPENDIX B~~ REMOVAL) SVF REMOVAL

Number of Inspection (Prior to passing) 1 2 3 4 5

Description of containment during inspection

<u>Residual dust on:</u>	<u>Yes</u>	<u>No</u>	<u>N/A</u>	<u>Corrective Measure Taken?</u>
Floors	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Vac
Walls	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Ceilings	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Pipes	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Light Fixtures	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
NAM's	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Ducts	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Other Horizontal Surfaces	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Is all equipment removed from area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is encapsulation complete and dry?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are all drums and containers removed labeled and stored?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
All barriers, except criticals, removed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are prior daily air monitoring results at or below 0.01f/cc?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Type of clearance and Results of sampling:

Visual only	<input checked="" type="checkbox"/>	_____	_____	_____
PCM	<input checked="" type="checkbox"/>	_____	_____	_____
TEM	<input type="checkbox"/>	_____	_____	_____
Pass	<input checked="" type="checkbox"/>	Fail	<input type="checkbox"/>	

Record additional problems or comments:

FOOTHILLS ENVIRONMENTAL, INC.

Industrial Hygiene, Safety & Environmental Services Telephone: (303) 232-2660

Fax: (303) 232-4960

ASBESTOS AIR SAMPLING FORM

Client: Colonial Motel

Project Location: 1

Phase: Phase 4 - Units 102/103

Project Number: AS18049

PO Number: _____

Sampled By: Dy Nic Vasquez

Date: 2-23-13

Prefix Number Col-0223-

Calibration Method/SN DryCal / 13725

Cassette Type/Lot #: PCM / 47451

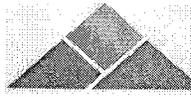
Sample FE Number	Sample Location/Person Sampled	Time On	Time Off	Total Minutes	Flow Start (L/min)	Flow End (L/min)	Average Flow	Volume (L)	fibers field	fiber density	LOQ	f/cc	Comments
B01	Field Blank												
B02	Lab Blank												
F01	SE corner	14:07	15:30	83	15.19	15.17	15.18	1259.94					
F02	S center	14:10	15:31	81	15.24	14.79	15.02	1216.62					
F03	SW corner	14:12	15:32	80	15.69	15.61	15.65	1252					
F04	NW corner	14:14	15:37	83	15.17	14.72	14.95	1240.85					
F05	NE corner	14:16	15:38	82	15.37	15.30	15.34	1257.08					

Name: _____

Analyst Signature: _____

Date: _____

Blind Recount Sample # _____ fibers/field _____ Data entered LI



Asbestos Abatement

Final Visual Inspection Checklist

Date 2/20/18 Project COLONIAL MOTEL Project# A518049

Inspector NIC VASQUEZ

Contractor JKS Supervisor MIGUEL LEON

Containment #/location PHASE IV - APPENDIX B - UNIT 110

Number of Inspection (Prior to passing) 1 X 2 ___ 3 ___ 4 ___ 5 ___

Description of containment during Inspection

<u>Residual dust on:</u>	<u>Yes</u>	<u>No</u>	<u>N/A</u>	<u>Corrective Measure Taken?</u>
Floors		X		
Walls		X		
Ceilings		X		
Pipes		X		
Light Fixtures		X		
NAM's		X		
Ducts		X		
Other Horizontal Surfaces		X		
Is all equipment removed from area?	X			
Is encapsulation complete and dry?			X	
Are all drums and containers removed labeled and stored?	X			
All barriers, except criticals, removed	X			
Are prior daily air monitoring results at or below 0.01f/cc?			X	

Type of clearance and Results of sampling:

Visual only	<input checked="" type="checkbox"/>			
PCM	<input type="checkbox"/>			
TEM	<input type="checkbox"/>			
Pass	<input type="checkbox"/>	Fail	<input type="checkbox"/>	

Record additional problems or comments:



Asbestos Abatement

Final Visual Inspection Checklist

Date 3-5-18 Project Colonial Manor Motel Project# AS18049

Inspector Nia Vasquez

Contractor JKS Supervisor Miguel Leon

Containment #/location phase 6

Number of Inspection (Prior to passing) 1 2 ___ 3 ___ 4 ___ 5 ___

Description of containment during Inspection

<u>Residual dust on:</u>	<u>Yes</u>	<u>No</u>	<u>N/A</u>	<u>Corrective Measure Taken?</u>
Floors	<input checked="" type="checkbox"/>	___	___	_____
Walls	<input checked="" type="checkbox"/>	___	___	_____
Ceilings	___	<input checked="" type="checkbox"/>	___	_____
Pipes	<input checked="" type="checkbox"/>	___	___	_____
Light Fixtures	___	<input checked="" type="checkbox"/>	___	_____
NAM's	___	<input checked="" type="checkbox"/>	___	_____
Ducts	___	<input checked="" type="checkbox"/>	___	_____
Other Horizontal Surfaces	___	<input checked="" type="checkbox"/>	___	_____
Is all equipment removed from area?	<input checked="" type="checkbox"/>	___	___	_____
Is encapsulation complete and dry?	___	___	<input checked="" type="checkbox"/>	_____
Are all drums and containers removed labeled and stored?	<input checked="" type="checkbox"/>	___	___	_____
All barriers, except criticals, removed	<input checked="" type="checkbox"/>	___	___	_____
Are prior daily air monitoring results at or below 0.01f/cc?	___	___	<input checked="" type="checkbox"/>	_____

Type of clearance and Results of sampling:

Visual only	<input checked="" type="checkbox"/>	_____	_____	_____
PCM	<input type="checkbox"/>	_____	_____	_____
TEM	<input type="checkbox"/>	_____	_____	_____
Pass	<input type="checkbox"/>	Fail	<input checked="" type="checkbox"/>	

Record additional problems or comments:

Wall containing ACM left in containment



Asbestos Abatement

Final Visual Inspection Checklist

Date 3-5-18 Project Colonial Manor Motel Project# AS18049

Inspector Nic Vesquez

Contractor JKS Supervisor Miguel Leon

Containment #/location Phase 6

Number of Inspection (Prior to passing) 1 0 2 X 3 4 5

Description of containment during inspection

Residual dust on:	Yes	No	N/A	Corrective Measure Taken?
Floors	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>Vac. + wet wipe</u>
Walls	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u> </u>
Ceilings	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u> </u>
Pipes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>Vac. + wet wipe</u>
Light Fixtures	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u> </u>
NAM's	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u> </u>
Ducts	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u> </u>
Other Horizontal Surfaces	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u> </u>
Is all equipment removed from area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u> </u>
Is encapsulation complete and dry?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u> </u>
Are all drums and containers removed labeled and stored?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u> </u>
All barriers, except criticals, removed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u> </u>
Are prior daily air monitoring results at or below 0.01f/cc?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u> </u>

Type of clearance and Results of sampling:

Visual <u>only</u>	<input checked="" type="checkbox"/>	<u> </u>	<u> </u>	<u> </u>
PCM	<input checked="" type="checkbox"/>	<u> </u>	<u> </u>	<u> </u>
TEM	<input type="checkbox"/>	<u> </u>	<u> </u>	<u> </u>
Pass	<input checked="" type="checkbox"/>	Fail	<input type="checkbox"/>	<u> </u>

Record additional problems or comments:



Asbestos Abatement

Final Visual Inspection Checklist

Date 3/7/18 Project Colonial Manor Motel Project# AS 18049
 Inspector Andrew Castano Nic Vasquez
 Contractor JCS Supervisor Miguel
 Containment #/location basement, ~~see~~ containment w/boiler phase: 7
 Number of Inspection (Prior to passing) 1 2 3 4 5

Description of containment during Inspection

<u>Residual dust on:</u>	<u>Yes</u>	<u>No</u>	<u>N/A</u>	<u>Corrective Measure Taken?</u>
Floors	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>vacuum + wipe</u>
Walls	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Ceilings	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Pipes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>vacuum + wipe</u>
Light Fixtures	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
NAM's	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Ducts	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>vacuum + wipe</u>
Other Horizontal Surfaces	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>vacuum + wipe</u>
Is all equipment removed from area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is encapsulation complete and dry?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are all drums and containers removed labeled and stored?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
All barriers, except criticals, removed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are prior daily air monitoring results at or below 0.01f/cc?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Type of clearance and Results of sampling:

Visual only _____
 PCM _____
 TEM _____
 Pass Fail

Record additional problems or comments:

Asbestos Abatement

Final Visual Inspection Checklist

Date 3-5-18 Project colonial Manor Motel Project# AS18049
Inspector Dylan Hoser / Andrew Costano
Contractor JKS Supervisor Miguel Leon
Containment #/location phase 8
Number of Inspection (Prior to passing) 1 2 3 4 5

Description of containment during Inspection

<u>Residual dust on:</u>	<u>Yes</u>	<u>No</u>	<u>N/A</u>	<u>Corrective Measure Taken?</u>
Floors	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Vacuum + wet wipe
Walls	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	#
Ceilings	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vac + wet wipe
Pipes	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Light Fixtures	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
NAM's	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Ducts	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Other Horizontal Surfaces	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Is all equipment removed from area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is encapsulation complete and dry?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Are all drums and containers removed labeled and stored?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
All barriers, except criticals, removed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are prior daily air monitoring results at or below 0.01f/cc?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Type of clearance and Results of sampling:

Visual <i>only</i>	<input checked="" type="checkbox"/>	_____	_____	_____
PCM	<input checked="" type="checkbox"/>	_____	_____	_____
TEM	<input type="checkbox"/>	_____	_____	_____
Pass	<input checked="" type="checkbox"/>	Fail	<input type="checkbox"/>	

Record additional problems or comments:



ASBESTOS AIR SAMPLING FORM

Client: Hewlett Project Location: _____ Phase: 8

Project Number: AS18049 PO Number: _____ Sampled By: Andrew + Dylan Date: 3/5/2018

Sample	Sample Location/Person Sampled	Time On	Time Off	Total Minutes	Flow Start (L/min)	Flow End (L/min)	Average Flow	Volume (L)	fibers field	fiber density	LOQ	f/cc	Comments
	COLO8-0305-501 Field blank												
	" -502 Lab blank												
NW	" - F1	9:59	11:31	92	15.17	14.59	14.88	1368.96					
NE	" - F2	10:01	11:31	90	15.75	16.44	16.095	1448.55					
E	" - F3	10:03	11:32	89	15.68	15.56	15.62	1390.18					
S	" - F4	10:05	11:33	88	13.88	13.75	13.82	1215.72					
SW	" - F5	10:07	11:34	87	15.28	15.21	15.25	1326.32					

Name: _____ Analyst Signature: _____ Date: _____
 Blind Recount Sample # _____ fibers/field _____ Data entered



Asbestos Abatement

Final Visual Inspection Checklist

ASL 8049

Date 2/27/18 Project _____ Project# phase 9

Inspector Andrew Castano Supervisor: NTC Vasquez

Contractor JKS, Kiewit Supervisor _____

Containment #/location phase 9 room 212 Colonial minor motel

Number of Inspection (Prior to passing) 1 2 ___ 3 ___ 4 ___ 5 ___

Description of containment during inspection

Residual dust on:	Yes	No	N/A	Corrective Measure Taken?
Floors	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>Vacuum</u>
Walls	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>Vacuum</u>
Ceilings	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Pipes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>Vacuum</u>
Light Fixtures	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
NAM's	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Ducts	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Other Horizontal Surfaces	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Is all equipment removed from area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is encapsulation complete and dry?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are all drums and containers removed labeled and stored?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
All barriers, except criticals, removed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are prior daily air monitoring results at or below 0.01f/cc?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Type of clearance and Results of sampling:

Visual only	<input type="checkbox"/>	_____	_____	_____
PCM	<input checked="" type="checkbox"/>	_____	_____	_____
TEM	<input type="checkbox"/>	_____	_____	_____
Pass	<input checked="" type="checkbox"/>	Fail	<input type="checkbox"/>	

Record additional problems or comments:

332

FOOTHILLS ENVIRONMENTAL, INC.
 Industrial Hygiene, Safety & Environmental Services Telephone: (303) 232-2660

0227
 Fax: (303) 232-4960

ASBESTOS AIR SAMPLING FORM

Colonial Motel

Client: KIEWIT INFRASTRUCTURE Project Location: 2615 Phase: 1

Project Number: AS18049 PO Number: _____ Sampled By: ANDREW CASTANO Date: 2/27/2018

Prefix Number 2615-0227 Calibration Method/SN DryCal/137251 Cassette Type/Lot #: PCM/47451

Sample FE Number	Sample Location/Person Sampled	Time On	Time Off	Total Minutes	Flow Start (L/min)	Flow End (L/min)	Average Flow	Volume (L)	fibers field	fiber density	LOQ	f/cc	Comments
	B01 <i>or</i> Field blank												
	B02 Lab blank												
	F01	9:07	10:53	106	15.50	15.89	15.695	1663.67					
	F02	9:09	10:55	106	15.50	15.97	15.735	1667.91					
	F03	9:12	10:56	104	15.16	15.18	15.17	1577.68					
	F04	9:14	10:57	103	15.41	15.33	15.37	1583.11					
	F05	9:16	10:58	102	15.14	15.78	15.46	1576.92					

Name: Andrew Castano

Analyst Signature: _____

Date: _____

Blind Recount Sample # _____ fibers/field _____ Data entered U

Asbestos Abatement

Final Visual Inspection Checklist

Date 2-27-18 **Project** AS18049 - Kiewit **Project#** AS18049
Inspector Nic Vasquez (supervisor), Dylan Hoser
Contractor JKS **Supervisor** Miguel Leon
Containment #/location Phase 10 (Rm 212)
Number of Inspection (Prior to passing) 1 X 2 3 4 5

Description of containment during Inspection

<u>Residual dust on:</u>	<u>Yes</u>	<u>No</u>	<u>N/A</u>	<u>Corrective Measure Taken?</u>
Floors	<u>X</u>			<u>Vac</u>
Walls	<u>X</u>			<u>Vac</u>
Ceilings		<u>X</u>		
Pipes		<u>X</u>		
Light Fixtures	<u>X</u>			<u>Vac</u>
NAM's		<u>X</u>		
Ducts		<u>X</u>		
Other Horizontal Surfaces		<u>X</u>		
Is all equipment removed from area?	<u>X</u>			
Is encapsulation complete and dry?			<u>X</u>	
Are all drums and containers removed labeled and stored?	<u>X</u>			
All barriers, except criticals, removed	<u>X</u>			
Are prior daily air monitoring results at or below 0.01f/cc?			<u>X</u>	

Type of clearance and Results of sampling:

Visual only	<input checked="" type="checkbox"/>	_____	_____	_____
PCM	<input checked="" type="checkbox"/>	_____	_____	_____
TEM	<input type="checkbox"/>	_____	_____	_____
Pass	<input checked="" type="checkbox"/>	Fail	<input type="checkbox"/>	

Record additional problems or comments:

Asbestos Abatement

Final Visual Inspection Checklist

Date 3-5-18 **Project** Colonial Manor Motel **Project#** AS18049

Inspector Nic Vasquez

Contractor JKS **Supervisor** Miguel Leon

Containment #/location Phase 10-2 (unit 218)

Number of Inspection (Prior to passing) 1 2 3 4 5

Description of containment during Inspection

<u>Residual dust on:</u>	<u>Yes</u>	<u>No</u>	<u>N/A</u>	<u>Corrective Measure Taken?</u>
Floors	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>Vac + wet Wipe</u>
Walls	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ceilings	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pipes	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Light Fixtures	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NAM's	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ducts	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other Horizontal Surfaces	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is all equipment removed from area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is encapsulation complete and dry?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Are all drums and containers removed labeled and stored?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All barriers, except criticals, removed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are prior daily air monitoring results at or below 0.01f/cc?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Type of clearance and Results of sampling:

Visual only <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PCM <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Record additional problems or comments:



Asbestos Abatement

Final Visual Inspection Checklist

Date 3-5-18 Project Colonial Manor Motel Project# AS18049

Inspector Nic Vasquez

Contractor JKS Supervisor Miguel Leon

Containment #/location Phase 10-1 (Unit ~~217~~ 212)

Number of Inspection (Prior to passing) 1 X 2 3 4 5

Description of containment during Inspection

<u>Residual dust on:</u>	<u>Yes</u>	<u>No</u>	<u>N/A</u>	<u>Corrective Measure Taken?</u>
Floors	<u>X</u>	<u> </u>	<u> </u>	<u>Vac + wet wipe</u>
Walls	<u> </u>	<u>X</u>	<u> </u>	<u> </u>
Ceilings	<u> </u>	<u>X</u>	<u> </u>	<u> </u>
Pipes	<u> </u>	<u>X</u>	<u> </u>	<u> </u>
Light Fixtures	<u> </u>	<u>X</u>	<u> </u>	<u> </u>
NAM's	<u> </u>	<u>X</u>	<u> </u>	<u> </u>
Ducts	<u> </u>	<u>X</u>	<u> </u>	<u> </u>
Other Horizontal Surfaces	<u> </u>	<u>X</u>	<u> </u>	<u> </u>
Is all equipment removed from area?	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
Is encapsulation complete and dry?	<u> </u>	<u> </u>	<u>X</u>	<u> </u>
Are all drums and containers removed labeled and stored?	<u> </u>	<u> </u>	<u>X</u>	<u> </u>
All barriers, except criticals, removed	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
Are prior daily air monitoring results at or below 0.01f/cc?	<u> </u>	<u> </u>	<u>X</u>	<u> </u>

Type of clearance and Results of sampling:

Visual <u>only</u>	<input checked="" type="checkbox"/>	<u> </u>	<u> </u>	<u> </u>
PCM	<input checked="" type="checkbox"/>	<u> </u>	<u> </u>	<u> </u>
TEM	<input type="checkbox"/>	<u> </u>	<u> </u>	<u> </u>
Pass	<input checked="" type="checkbox"/>	Fail	<input type="checkbox"/>	<u> </u>

Record additional problems or comments:

FOOTHILLS ENVIRONMENTAL, INC.

Industrial Hygiene, Safety & Environmental Services Telephone: (303) 232-2660

Fax: (303) 232-4960

ASBESTOS AIR SAMPLING FORM

Client: KIEWIT

Project Location: COLONIAL MANOR MOTEL

Phase: 10 (218, 217, 215)

Project Number: AS18049

PO Number: _____

Sampled By: NIC VASQUEZ & DYLAN HESER

Date: 03/05/18

Prefix Number 0007-0305-

Calibration Method/SN DryCal / 137057

Cassette Type/Lot #: 1

Sample FE Number	Sample Location/Person Sampled	Time On	Time Off	Total Minutes	Flow Start (L/min)	Flow End (L/min)	Average Flow	Volume (L)	fibers field	fiber density	LOQ	f/cc	Comments
101 B01	FIELD BLANK												
101 B02	LAB BLANK												
101 F01	UNIT 218 WEST	1141	1335	114	13.83	13.98	13.905	1585.2					
101 F02	UNIT 218 EAST	1143	1335	112	15.13	15.38	15.255	1708.6					
102 B01	UNIT FIELD BLANK												
102 B02	LAB BLANK												
102 F01	UNIT 217 WEST	1203	1:37	94	15.51	15.92	15.715	1477.21					
102 F02	UNIT 217 EAST	1205	1:39	94	15.25	15.36	15.305	1438.67					
B01													
B02													
F01													

Name: _____

Analyst Signature: _____

Date: _____

Blind Recount Sample # _____ fibers/field _____ Data entered



Asbestos Abatement

Final Visual Inspection Checklist

Date 3-5-18 Project Colonial Manor Motel Project# A513049

Inspector Dylan Hasek

Contractor JKS Supervisor Miguel Leon

Containment #/location Phase 10-3

Number of Inspection (Prior to passing) 1 2 ___ 3 ___ 4 ___ 5 ___

Description of containment during inspection

<u>Residual dust on:</u>	<u>Yes</u>	<u>No</u>	<u>N/A</u>	<u>Corrective Measure Taken?</u>
Floors	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Vac + wet wipe
Walls	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Ceilings	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Pipes	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Light Fixtures	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
NAM's	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Ducts	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Other Horizontal Surfaces	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Is all equipment removed from area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is encapsulation complete and dry?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are all drums and containers removed labeled and stored?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
All barriers, except criticals, removed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are prior daily air monitoring results at or below 0.01f/cc?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Type of clearance and Results of sampling:

Visual only	<input checked="" type="checkbox"/>	_____	_____	_____
PCM	<input checked="" type="checkbox"/>	_____	_____	_____
TEM	<input type="checkbox"/>	_____	_____	_____
Pass	<input checked="" type="checkbox"/>	Fail	<input type="checkbox"/>	

Record additional problems or comments:

Asbestos Abatement

Final Visual Inspection Checklist

Date 3-14-18 Project Colonial Manor Motel Project# AS12049
Inspector Dylan Hester
Contractor JKS Supervisor Miguel Leon
Containment #/location Phase 10-4
Number of Inspection (Prior to passing) 1 2 3 4 5

Description of containment during Inspection

<u>Residual dust on:</u>	<u>Yes</u>	<u>No</u>	<u>N/A</u>	<u>Corrective Measure Taken?</u>
Floors	<input checked="" type="checkbox"/>			
Walls		<input checked="" type="checkbox"/>		
Ceilings		<input checked="" type="checkbox"/>		
Pipes		<input checked="" type="checkbox"/>		
Light Fixtures	<input checked="" type="checkbox"/>			
NAM's		<input checked="" type="checkbox"/>		
Ducts		<input checked="" type="checkbox"/>		
Other Horizontal Surfaces		<input checked="" type="checkbox"/>		
Is all equipment removed from area?	<input checked="" type="checkbox"/>			
Is encapsulation complete and dry?			<input checked="" type="checkbox"/>	
Are all drums and containers removed labeled and stored?	<input checked="" type="checkbox"/>			
All barriers, except criticals, removed	<input checked="" type="checkbox"/>			
Are prior daily air monitoring results at or below 0.01f/cc?			<input checked="" type="checkbox"/>	

Type of clearance and Results of sampling:

Visual only <input checked="" type="checkbox"/>	_____	_____	_____
PCM <input checked="" type="checkbox"/>	_____	_____	_____
TEM <input type="checkbox"/>	_____	_____	_____
Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/>	_____	_____	_____

Record additional problems or comments:

Above permissible RL (→ 0.01 f/cc)



Asbestos Abatement

Final Visual Inspection Checklist

Date 7/15/11 Project Wash County Court House Project# 0816047

Inspector MC [unclear]

Contractor ACE Supervisor MC [unclear]

Containment #/location PHASE 10 BY FLOOR

Number of Inspection (Prior to passing) 1 ___ 2 X 3 ___ 4 ___ 5 ___

Description of containment during Inspection

Residual dust on: Yes No N/A Corrective Measure Taken? _____

Floors _____

Walls _____

Ceilings _____

Pipes _____

Light Fixtures _____

NAM's _____

Ducts _____

Other Horizontal Surfaces _____

Is all equipment removed from area? X Yes No N/A _____

Is encapsulation complete and dry? _____

Are all drums and containers removed labeled and stored? X Yes No N/A _____

All barriers, except criticals, removed X Yes No N/A _____

Are prior daily air monitoring results at or below 0.01f/cc? _____

Type of clearance and Results of sampling:

Visual only _____

PCM _____

TEM _____

Pass Fail _____

Record additional problems or comments:



Asbestos Abatement

Final Visual Inspection Checklist

Date 3/12/18 Project Colonial Manor Motel CEOD Project# AS/RO

Inspector Andrew Castano + Nic Vasquez

Contractor JKS Supervisor Miguel

Containment #/location Phase 11 2nd floor

Number of Inspection (Prior to passing) 1 2 3 4 5

Description of containment during inspection

<u>Residual dust on:</u>	<u>Yes</u>	<u>No</u>	<u>N/A</u>	<u>Corrective Measure Taken?</u>
Floors	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Walls	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ceilings	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pipes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Light Fixtures	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NAM's	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ducts	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other Horizontal Surfaces	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is all equipment removed from area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is encapsulation complete and dry?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are all drums and containers removed labeled and stored?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
All barriers, except criticals, removed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are prior daily air monitoring results at or below 0.01f/cc?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Type of clearance and Results of sampling:

Visual only	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PCM	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pass	<input checked="" type="checkbox"/>	Fail	<input type="checkbox"/>	<input type="checkbox"/>

Record additional problems or comments:

FOOTHILLS ENVIRONMENTAL, INC.

Industrial Hygiene, Safety & Environmental Services Telephone: (303) 232-2660

Fax: (303) 232-4960

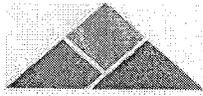
ASBESTOS AIR SAMPLING FORM

Client: Hewlett-Packard Project Location: 2500 N. 1st St. / 1st Floor Phase: _____

Project Number: 1515049 PO Number: _____ Sampled By: Andrew Carlson Date: 7/25/15

Sample	Sample Location/Person Sampled	Time On	Time Off	Total Minutes	Flow Start (L/min)	Flow End (L/min)	Average Flow	Volume (L)	fibers field	fiber density	LOQ	f/cc	Comments
1515049-1	1st floor	-	-		-	-							
1515049-2	1st floor	-	-		-	-							
1515049-3		15:31	15:37	94	15.67	15.00	15.63	1469.2					
1515049-4		15:37	15:39	91	15.46	15.25	15.40	1401.4					
1515049-5		15:39	15:39	91	15.58	15.37	15.59	1418.7					
1515049-6		15:39	15:39	89	15.52	15.36	15.54	1383.1					
1515049-7		15:39	15:39	87	15.23	15.23	15.26	1327.6					

Name: _____ Analyst Signature: _____ Date: _____
 Blind Recount Sample # _____ fibers/field _____ Data entered



Asbestos Abatement

phase 12~~th~~

Final Visual Inspection Checklist

Date 3/7/2018 **Project** Colonial Manor Motel **Project#** AS 18049

Inspector Andrew Castano

Contractor Hiewet **Supervisor** Miguel

Containment #/location 1st floor w. windows of W. building

Number of Inspection (Prior to passing) 1 2 3 4 5

Description of containment during Inspection

<u>Residual dust on:</u> ACM caulk	<u>Yes</u>	<u>No</u>	<u>N/A</u>	<u>Corrective Measure Taken?</u>
Floors	<input checked="" type="checkbox"/>			
Walls			<input checked="" type="checkbox"/>	
Ceilings			<input checked="" type="checkbox"/>	
Pipes			<input checked="" type="checkbox"/>	
Light Fixtures			<input checked="" type="checkbox"/>	
NAM's			<input checked="" type="checkbox"/>	
Ducts			<input checked="" type="checkbox"/>	
Other Horizontal Surfaces	<input checked="" type="checkbox"/>			Scrape caulk off, HEPA vacuum
Is all equipment removed from area?	<input checked="" type="checkbox"/>			
Is encapsulation complete and dry?			<input checked="" type="checkbox"/>	
Are all drums and containers removed labeled and stored?	<input checked="" type="checkbox"/>			
All barriers, except criticals, removed			<input checked="" type="checkbox"/>	
Are prior daily air monitoring results at or below 0.01f/cc?			<input checked="" type="checkbox"/>	

Type of clearance and Results of sampling:

Visual only	<input checked="" type="checkbox"/>			
PCM	<input type="checkbox"/>			
TEM	<input type="checkbox"/>			
Pass	<input checked="" type="checkbox"/>	Fail	<input type="checkbox"/>	

Record additional problems or comments:

Asbestos Abatement

Final Visual Inspection Checklist

Date 3-14-18 **Project** Colonial Manor Motel **Project#** AS18049
Inspector Dylan Hesel
Contractor JKS 12-1 **Supervisor** Miguel Leon
Containment #/location Phase ~~12-1~~ (windows)
Number of Inspection (Prior to passing) 1 X 2 3 4 5

Description of containment during Inspection

<u>Residual dust on:</u>	<u>Yes</u>	<u>No</u>	<u>N/A</u>	<u>Corrective Measure Taken?</u>
Floors	<u>X</u>	<u> </u>	<u> </u>	<u>Vac + wipe</u>
Walls	<u> </u>	<u>X</u>	<u> </u>	<u> </u>
Ceilings	<u> </u>	<u>X</u>	<u> </u>	<u> </u>
Pipes	<u> </u>	<u>X</u>	<u> </u>	<u> </u>
Light Fixtures	<u> </u>	<u>X</u>	<u> </u>	<u> </u>
NAM's	<u> </u>	<u>X</u>	<u>X</u>	<u> </u>
Ducts	<u> </u>	<u>X</u>	<u> </u>	<u> </u>
Other Horizontal Surfaces	<u> </u>	<u>X</u>	<u> </u>	<u> </u>
Is all equipment removed from area?	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
Is encapsulation complete and dry?	<u> </u>	<u> </u>	<u>X</u>	<u> </u>
Are all drums and containers removed labeled and stored?	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
All barriers, except criticals, removed	<u>X</u>	<u> </u>	<u> </u>	<u> </u>
Are prior daily air monitoring results at or below 0.01f/cc?	<u> </u>	<u> </u>	<u>X</u>	<u> </u>

Type of clearance and Results of sampling:

Visual only	<input checked="" type="checkbox"/>	<u> </u>	<u> </u>	<u> </u>
PCM	<input type="checkbox"/>	<u> </u>	<u> </u>	<u> </u>
TEM	<input type="checkbox"/>	<u> </u>	<u> </u>	<u> </u>
Pass	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u> </u>	<u> </u>

Record additional problems or comments:

Remnant caulk on top of soil, vacuumed and cleaned



Asbestos Abatement

phase 12-2

Final Visual Inspection Checklist - Window removal, ensure no ACM
Caulk remained

Date 3/16/2018 Project Colonial Manor Motel Project# AS18049

Inspector Andrew Castano

Contractor Hiewet Supervisor Miguel → (part of W. side)

Containment #/location 2nd floor of N. Building, 1st floor of N. Building (E. side) basement of N. building, offices on S. side, roof of offices

Number of Inspection (Prior to passing) 1 2 3 4 5

Description of containment during inspection

Residual dust on: ACM-caulk Yes No N/A Corrective Measure Taken?

Floors

Walls

Ceilings

Pipes

Light Fixtures

NAM's

Ducts

Other Horizontal Surfaces Scrape caulk off, HEPA ~~vac~~ vacuum

Is all equipment removed from area?

Is encapsulation complete and dry?

Are all drums and containers removed labeled and stored?

All barriers, except criticals, removed

Are prior daily air monitoring results at or below 0.01f/cc?

Type of clearance and Results of sampling:

Visual only

PCM

TEM

Pass Fail

Record additional problems or comments:



Asbestos Abatement

Final Visual Inspection Checklist

Date 3/23/2018 Project Kitchen tile removal Project# AS18049

Inspector A. Castano

Contractor JKS Supervisor Miguel

Containment #/location Room 211

Number of Inspection (Prior to passing) 1 2 3 4 5

Description of containment during inspection

<u>Residual dust on:</u>	<u>Yes</u>	<u>No</u>	<u>N/A</u>	<u>Corrective Measure Taken?</u>
Floors	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>Vacuum + wipe</u>
Walls	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>Vacuum + wipe</u>
Ceilings	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Pipes	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Light Fixtures	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
NAM's	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Ducts	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Other Horizontal Surfaces	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>Vacuum + wipe</u>
Is all equipment removed from area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>.</u>
Is encapsulation complete and dry?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are all drums and containers removed labeled and stored?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
All barriers, except criticals, removed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are prior daily air monitoring results at or below 0.01f/cc?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Type of clearance and Results of sampling:

Visual only _____

PCM _____

TEM _____

Pass Fail

Record additional problems or comments:



Industrial Hygiene, Safety & Environmental Services

APPENDIX B

LABORATORY RESULTS (PCM CLEARANCE AND PLM BULK)



February 20, 2018

Subcontract Number: NA
Laboratory Report: RES 401513-1
Project # / P.O. # None Given
Project Description: Colonial Motel

Nic Vasquez
Foothills Environmental, Inc. (Lakewood)
11099 W. 8th Avenue
Lakewood CO 80215

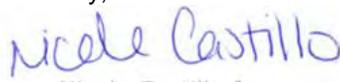
Dear Customer,

Reservoirs Environmental, Inc. is an analytical laboratory accredited for the analysis of Industrial Hygiene and Environmental matrices by the National Voluntary Laboratory Accreditation Program (NVLAP), Lab Code 101896-0 for Transmission Electron Microscopy (TEM) and Polarized Light Microscopy (PLM) analysis and the American Industrial Hygiene Association (AIHA), Lab ID 101533 - Accreditation Certificate #480 for Phase Contrast Microscopy (PCM) analysis. This laboratory is currently proficient in both Proficiency Testing and PAT programs respectively.

Reservoirs Environmental, Inc. has analyzed the following samples for asbestos content as per your request. The analysis has been completed in general accordance with the appropriate methodology as stated in the attached analysis table. The results have been submitted to your office.

RES 401513-1 is the job number assigned to this study. This report is considered highly confidential and the sole property of the customer. Reservoirs Environmental, Inc. will not discuss any part of this study with personnel other than those of the client. The results described in this report only apply to the samples analyzed. This report must not be used to claim endorsement of products or analytical results by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without written approval from Reservoirs Environmental, Inc. Samples will be disposed of after sixty days unless longer storage is requested. If you have any questions about this report, please feel free to call 303-964-1986.

Sincerely,


Nicole Castillo for

Jeanne Spencer
President

RESERVOIRS ENVIRONMENTAL INC.

AIHA Certificate of Accreditation #480, Lab ID 101533

TABLE: FIBER COUNT ANALYSIS IN AIR

RES Job Number: **RES 401513-1**
 Client: **Foothills Environmental, Inc. (Lakewood)**
 Client Project Number / P.O.: **None Given**
 Client Project Description: **Colonial Motel**
 Date Samples Received: **February 20, 2018**
 Method: **REI-SOP Fibers in Air / NIOSH 7400A**
 Turnaround: **2 Hour**
 Date Samples Analyzed: **February 20, 2018**

Client ID Number	Lab ID Number	Air Volume Sampled (L)	Fields Analyzed	Fiber Count	Reporting Limit (F/mm ²)	Fiber Density (F/mm ²)	Reporting Limit (F/cc)	Fiber Concentration (F/cc)
Colo2-0220-B01	EM 2028457	0	100	0	7.01	BRL	---	---
Colo2-0220-B02	EM 2028458	0	100	0	7.01	BRL	---	---
Colo2-0220-F01	EM 2028459	1280.2	100	13	7.01	16.56	0.002	0.005
Colo2-0220-F02	EM 2028460	1551.4	100	4.5	7.01	BRL	0.002	BRL
Colo2-0220-F03	EM 2028461	1586.1	100	5	7.01	BRL	0.002	BRL
Colo2-0220-F04	EM 2028462	1532.6	100	5.5	7.01	7.01	0.002	0.002
Colo2-0220-F05	EM 2028463	1567.7	100	6.5	7.01	8.28	0.002	0.002

* Unless otherwise stated sample analyses have been blank corrected.
 ND= None Detected

BRL = Below Reporting Limit
 CBR = Cannot Be Read

Laboratory Quarterly Coefficient Variation (CV) by Fiber Count Range -October 1, 2017 - December 31, 2017

5-20 CV = 0.22

>20-50 CV = 0.16

>50-100 CV = 0.08



Amy Mitschele

Analyst / Data QA

Due Date: 2/20/18
 Due Time: 9



Reservoirs Environmental, Inc.

RES 401513

5801 Logan St. Denver, CO 80216 • Ph: 303 964-1988 • Fax 303-477-4275 • Toll Free 306 RES-ENV

After Hours Call Phone: 720-339-9228

INVOICE TO: (IF DIFFERENT)

CONTACT INFORMATION:

Company: FOOTHILLS ENVIRO.
 Address: 11099 W 8TH AVE
LAKEWOOD, CO 80215

Company: NIC VASQUEZ
 Phone: 3039604572
 Fax: _____
 Cell/pager: _____

Project Number and/or P.O. #: _____
 Project Description/Location: COLONIAL MOTEL

Contact: _____
 Phone: _____
 Fax: _____
 Cell/pager: _____

Final Data Deliverable Email Address: NIC@FOOTHILLSUSA.COM & DYLAN@FOOTHILLSUSA.COM

SUBMITTED BY:		REQUESTED ANALYSIS		VALID MATRIX CODES		LAB NOTES:	
ASBESTOS LABORATORY HOURS: Weekdays: 7am - 7pm & Sat. 8am - 5pm PLM / PCM / TEM <input checked="" type="checkbox"/> PRIORITY (Next Day) STANDARD (3-5 Day) (Rush PCM = 2hr, TEM = 6hr.)		REQUESTED ANALYSIS PLM - Short report, Point Count, Long report, Qualitative TEM - AHERA, Level II, 7402, ISO, +/- (Air, Bulk or Dust), Quant, Semi-Quant, Micro-vac, ISO-Indirect Preps PCM - 7400A, 7400B, OSHA DUST - Total, Respirable METALS - Analyte(s) _____ RCRA 8, TCLP, Welding Fume, Metals Scan, pH ORGANICS - METH, TSS Pathogens: Aerobic Plate Count, Salmonella, E.coli O157:H7, Listeria, S.aureus, Campylobacter, +/- or Quantification E.coli and/or Coliforms: +/- or Quantification State Water (Please Circle One) Yes / No Microbial Growth: Aerobic Plate Count ID, Y & M or Bacteria, Fungal, +/- or Quantification Legionella: +/- or Quantification Other: Bioburden, LAL or Environmental, Mold: Spore Trap or Bulk: +/-, Identification, Quantification, Viable or Non-Viable		VALID MATRIX CODES Air = A Bulk = B Dust = D Paint = P Soil = S Wipe = W Swab = SW F = Food Drinking Water = DW Waste Water = WW O = Other **ASTM E1792 approved wipe media only**		LAB NOTES: _____ _____ _____	
CHEMISTRY LABORATORY HOURS: Weekdays: 8am - 5pm Metal(s) / Dust** _____ RUSH _____ 24 hr. _____ 3-5 Day RCRA 8 / Metals & Welding _____ RUSH (3 Day) _____ 5 Day _____ 10 Day Fume Scan / TCLP** _____ 24 hr. _____ 3 day _____ 5 Day		REQUESTED ANALYSIS PLM - Short report, Point Count, Long report, Qualitative TEM - AHERA, Level II, 7402, ISO, +/- (Air, Bulk or Dust), Quant, Semi-Quant, Micro-vac, ISO-Indirect Preps PCM - 7400A, 7400B, OSHA DUST - Total, Respirable METALS - Analyte(s) _____ RCRA 8, TCLP, Welding Fume, Metals Scan, pH ORGANICS - METH, TSS Pathogens: Aerobic Plate Count, Salmonella, E.coli O157:H7, Listeria, S.aureus, Campylobacter, +/- or Quantification E.coli and/or Coliforms: +/- or Quantification State Water (Please Circle One) Yes / No Microbial Growth: Aerobic Plate Count ID, Y & M or Bacteria, Fungal, +/- or Quantification Legionella: +/- or Quantification Other: Bioburden, LAL or Environmental, Mold: Spore Trap or Bulk: +/-, Identification, Quantification, Viable or Non-Viable		VALID MATRIX CODES Air = A Bulk = B Dust = D Paint = P Soil = S Wipe = W Swab = SW F = Food Drinking Water = DW Waste Water = WW O = Other **ASTM E1792 approved wipe media only**		LAB NOTES: _____ _____ _____	
MICROBIOLOGY LABORATORY HOURS: Weekdays: 9am - 6pm E.coli and/or Coliforms* _____ 24-48 Hour Pathogens* _____ 24-48 Hour Microbial Growth* _____ 5-10 Day Legionella _____ 10 Day Mold _____ RUSH _____ 24 Hr _____ 48 Hr _____ 3 Day _____ 5 Day		REQUESTED ANALYSIS PLM - Short report, Point Count, Long report, Qualitative TEM - AHERA, Level II, 7402, ISO, +/- (Air, Bulk or Dust), Quant, Semi-Quant, Micro-vac, ISO-Indirect Preps PCM - 7400A, 7400B, OSHA DUST - Total, Respirable METALS - Analyte(s) _____ RCRA 8, TCLP, Welding Fume, Metals Scan, pH ORGANICS - METH, TSS Pathogens: Aerobic Plate Count, Salmonella, E.coli O157:H7, Listeria, S.aureus, Campylobacter, +/- or Quantification E.coli and/or Coliforms: +/- or Quantification State Water (Please Circle One) Yes / No Microbial Growth: Aerobic Plate Count ID, Y & M or Bacteria, Fungal, +/- or Quantification Legionella: +/- or Quantification Other: Bioburden, LAL or Environmental, Mold: Spore Trap or Bulk: +/-, Identification, Quantification, Viable or Non-Viable		VALID MATRIX CODES Air = A Bulk = B Dust = D Paint = P Soil = S Wipe = W Swab = SW F = Food Drinking Water = DW Waste Water = WW O = Other **ASTM E1792 approved wipe media only**		LAB NOTES: _____ _____ _____	

Client sample ID number	(Sample ID's must be unique)	Sample Volume (L) / Area	Date Collected	Time Collected	EM Number
1	COL02-0220-B01	0 A			202201
2	B02	1280.2			600
3	F01	1551.4			2
4	F02	1586.1			3
5	F03	1532.6			
6	F04	1567.7			
7	F05				
8					
9					
10					

Number of samples received: _____ (Additional samples shall be listed on attached long form.)
 NOTE: REI will analyze incoming samples based upon information received and will not be responsible for errors or omissions in calculations resulting from the inaccuracy of original data. By signing client/company representative agrees that submission of the following samples for requested analysis as indicated on this Chain of Custody shall constitute an analytical services agreement with payment terms of NET 30 days. Failure to comply with payment terms may result in a 1.5% monthly interest surcharge.

Relinquished By: [Signature] Date/Time: 2/20/18 15:00

Laboratory Use Only Received By: [Signature] Date/Time: 2/20/18

Carrier: 3P Hand / FedEx / UPS / USPS / Drop Box / Courier

Sample Condition: On Ice _____ Yes / No Sealed _____ Yes / No Intact _____ Yes / No

Temp. (F) _____

Date/Time: _____ Date/Time: _____

Phone Email Fax: _____ Phone Email Fax: _____

Contact: _____ Contact: _____

Initials: _____ Initials: _____



February 20, 2018

Subcontract Number: NA
Laboratory Report: RES 401514-1
Project # / P.O. # None Given
Project Description: Colonial Motel.

Nic Vasquez
Foothills Environmental, Inc. (Lakewood)
11099 W. 8th Avenue
Lakewood CO 80215

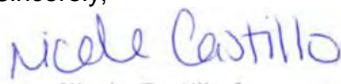
Dear Customer,

Reservoirs Environmental, Inc. is an analytical laboratory accredited for the analysis of Industrial Hygiene and Environmental matrices by the National Voluntary Laboratory Accreditation Program (NVLAP), Lab Code 101896-0 for Transmission Electron Microscopy (TEM) and Polarized Light Microscopy (PLM) analysis and the American Industrial Hygiene Association (AIHA), Lab ID 101533 - Accreditation Certificate #480 for Phase Contrast Microscopy (PCM) analysis. This laboratory is currently proficient in both Proficiency Testing and PAT programs respectively.

Reservoirs Environmental, Inc. has analyzed the following samples for asbestos content as per your request. The analysis has been completed in general accordance with the appropriate methodology as stated in the attached analysis table. The results have been submitted to your office.

RES 401514-1 is the job number assigned to this study. This report is considered highly confidential and the sole property of the customer. Reservoirs Environmental, Inc. will not discuss any part of this study with personnel other than those of the client. The results described in this report only apply to the samples analyzed. This report must not be used to claim endorsement of products or analytical results by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without written approval from Reservoirs Environmental, Inc. Samples will be disposed of after sixty days unless longer storage is requested. If you have any questions about this report, please feel free to call 303-964-1986.

Sincerely,


Nicole Castillo for

Jeanne Spencer
President

RESERVOIRS ENVIRONMENTAL INC.

AIHA Certificate of Accreditation #480, Lab ID 101533

TABLE: FIBER COUNT ANALYSIS IN AIR

RES Job Number: **RES 401514-1**
 Client: **Foothills Environmental, Inc. (Lakewood)**
 Client Project Number / P.O.: **None Given**
 Client Project Description: **Colonial Motel.**
 Date Samples Received: **February 20, 2018**
 Method: **REI-SOP Fibers in Air / NIOSH 7400A**
 Turnaround: **2 Hour**
 Date Samples Analyzed: **February 20, 2018**

Client ID Number	Lab ID Number	Air Volume Sampled (L)	Fields Analyzed	Fiber Count	Reporting Limit (F/mm ²)	Fiber Density (F/mm ²)	Reporting Limit (F/cc)	Fiber Concentration (F/cc)
Colo-0220-B01	EM 2028464	0	100	0	7.01	BRL	---	---
Colo-0220-B02	EM 2028465	0	100	0	7.01	BRL	---	---
Colo-0220-F01	EM 2028466	1827.56	100	5.5	7.01	7.01	0.001	0.001
Colo-0220-F02	EM 2028467	1856.14	100	4	7.01	BRL	0.001	BRL
Colo-0220-F03	EM 2028468	1846.46	100	5.5	7.01	7.01	0.001	0.001
Colo-0220-F04	EM 2028469	1801.66	100	8.5	7.01	10.83	0.001	0.002
Colo-0220-F05	EM 2028470	1856.4	100	9.5	7.01	12.1	0.001	0.003

* Unless otherwise stated sample analyses have been blank corrected.
 ND= None Detected

BRL = Below Reporting Limit
 CBR = Cannot Be Read

Laboratory Quarterly Coefficient Variation (CV) by Fiber Count Range -October 1, 2017 - December 31, 2017

5-20 CV = 0.22

>20-50 CV = 0.16

>50-100 CV = 0.08



Amy Mitschele

Analyst / Data QA

Due Date: 2-20-18
 Due Time: _____

RES 401514

REILAB Reservoirs Environmental, Inc.
 5801 Logan St. Denver, CO 80216 • Ph: 303-964-1986 • Fax 303-477-4275 • Toll Free 866-RES-ENV

After Hours Call Phone: 720-339-9228

INVOICE TO: (IF DIFFERENT)

Company: Foothills Environmental
 Address: 11099 W. 8th Avenue
 Project Number and/or P.O. #: _____
 Project Description/Location: Colonial Motel

Company: _____
 Address: _____
 Project Number and/or P.O. #: _____
 Project Description/Location: _____

CONTACT INFORMATION:

Contact: Nic Vasquez
 Phone: 303-960-4572
 Fax: _____
 Cell/pager: _____
 Final Data Deliverable Email Address: nic@foothillsusa.com

Company: _____
 Address: _____
 Project Number and/or P.O. #: _____
 Project Description/Location: _____

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 Project Description/Location: _____

REQUESTED ANALYSIS	VALID MATRIX CODES	LAB NOTES:
Air = A	Bulk = B	
Dust = D	Paint = P	
Soil = S	Wipe = W	
Swab = SW	F = Food	
Drinking Water = DW	Waste Water = WW	
O = Other		
ASTM E1792 approved wipe media only		

EM Number (Laboratory Use Only)
2028464
5
9
7
287
70

REQUESTED ANALYSIS	VALID MATRIX CODES	LAB NOTES:
PCB - AHERA, Level II, 7402, ISO, +/- (Air, Bulk or Dust), Quant, Semi-Quant, Micro-vac, ISO-indirect Preps		
PCB - 7400A, 7400B, OSHA		
DUST - Total, Respirable		
METALS - Analyte(s) RCRA 8, TCLP, Welding Fume, Metals Scan, pH		
ORGANICS - METH, TSS		
Pathogens: Aerobic Plate Count, Salmonella, E.coli O157:H7, Listeria, S.aureus, Campylobacter, +/- or Quantification		
E.coli and/or Coliforms: +/- or Quantification (State Water (Please Circle One) Yes / No)		
Microbial Growth: Aerobic Plate Count ID, Y & M or Bacteria, Fungal, +/- or Quantification		
Legionella: +/- or Quantification		
Other: Biorburden, LAL or Environmental		
Mold: Spore Trap or Bulk: +/-, Identification, Quantification, Viable or Non-Viable		
SAMPLER'S INITIALS OR OTHER NOTES:		

REQUESTED ANALYSIS	VALID MATRIX CODES	LAB NOTES:
PM - Short report, Point Count, Long report, Qualitative		
TEM - AHERA, Level II, 7402, ISO, +/- (Air, Bulk or Dust), Quant, Semi-Quant, Micro-vac, ISO-indirect Preps		
PCM - 7400A, 7400B, OSHA		
DUST - Total, Respirable		
METALS - Analyte(s) RCRA 8, TCLP, Welding Fume, Metals Scan, pH		
ORGANICS - METH, TSS		
Pathogens: Aerobic Plate Count, Salmonella, E.coli O157:H7, Listeria, S.aureus, Campylobacter, +/- or Quantification		
E.coli and/or Coliforms: +/- or Quantification (State Water (Please Circle One) Yes / No)		
Microbial Growth: Aerobic Plate Count ID, Y & M or Bacteria, Fungal, +/- or Quantification		
Legionella: +/- or Quantification		
Other: Biorburden, LAL or Environmental		
Mold: Spore Trap or Bulk: +/-, Identification, Quantification, Viable or Non-Viable		
SAMPLER'S INITIALS OR OTHER NOTES:		

Client sample ID number (Sample ID's must be unique)	Sample Volume (L) / Area	Date Collected mm/dd/yyyy	Time Collected hh:mm ap	EM Number (Laboratory Use Only)
1 6060-0220-301	0 A			2028464
2 6060-0220-302	0			5
3 6060-0220-301	1827.56			9
4 6060-0220-302	1856.14			7
5 6060-0220-303	1846.46			287
6 6060-0220-304	1801.60			70
7 6060-0220-305	1856.4			X
8				
9				
10				

ASBESTOS LABORATORY HOURS: Weekdays: 7am - 7pm & Sat. 8am - 5pm
PLM / PCM / TEM <input checked="" type="checkbox"/> PRIORITY (Next Day) ___ STANDARD (3-5 Day) (Rush PCM = 2hr, TEM = 6hr.)
CHEMISTRY LABORATORY HOURS: Weekdays: 8am - 5pm
Metal(s) / Dust** RUSH ___ 24 hr. ___ 3-5 Day RCRA 8 / Metals & Welding Fume Scan / TCLP** RUSH (3 Day) ___ 5 Day ___ 10 Day Organics RUSH ___ 24 hr. ___ 3 day ___ 5 Day
Prior notification is required for RUSH turnarounds.
MICROBIOLOGY LABORATORY HOURS: Weekdays: 9am - 6pm
E.coli and/or Coliforms* Other: _____ 24-48 Hour 24-48 Hour 5-10 Day 10 Day RUSH 24 Hr 48 Hr 3 Day 5 Day
TAT dependent on speed of microbial growth.
Turnaround times establish a laboratory priority, subject to laboratory volume and are not guaranteed. Additional fees apply for afterhours, weekends and holidays.
Special Instructions:

Client sample ID number (Sample ID's must be unique)	Sample Volume (L) / Area	Date Collected mm/dd/yyyy	Time Collected hh:mm ap	EM Number (Laboratory Use Only)
1 6060-0220-301	0 A			2028464
2 6060-0220-302	0			5
3 6060-0220-301	1827.56			9
4 6060-0220-302	1856.14			7
5 6060-0220-303	1846.46			287
6 6060-0220-304	1801.60			70
7 6060-0220-305	1856.4			X
8				
9				
10				

Client sample ID number (Sample ID's must be unique)	Sample Volume (L) / Area	Date Collected mm/dd/yyyy	Time Collected hh:mm ap	EM Number (Laboratory Use Only)
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3 6060-0220-301	1827.56			9
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5 6060-0220-303	1846.46			287
6 6060-0220-304	1801.60			70
7 6060-0220-305	1856.4			X
8				
9				
10				

Client sample ID number (Sample ID's must be unique)	Sample Volume (L) / Area	Date Collected mm/dd/yyyy	Time Collected hh:mm ap	EM Number (Laboratory Use Only)
1 6060-0220-301	0 A			2028464
2 6060-0220-302	0			5
3 6060-0220-301	1827.56			9
4 6060-0220-302	1856.14			7
5 6060-0220-303	1846.46			287
6 6060-0220-304	1801.60			70
7 6060-0220-305	1856.4			X
8				
9				
10				

REQUESTED ANALYSIS	VALID MATRIX CODES	LAB NOTES:
PCB - AHERA, Level II, 7402, ISO, +/- (Air, Bulk or Dust), Quant, Semi-Quant, Micro-vac, ISO-indirect Preps		
PCB - 7400A, 7400B, OSHA		
DUST - Total, Respirable		
METALS - Analyte(s) RCRA 8, TCLP, Welding Fume, Metals Scan, pH		
ORGANICS - METH, TSS		
Pathogens: Aerobic Plate Count, Salmonella, E.coli O157:H7, Listeria, S.aureus, Campylobacter, +/- or Quantification		
E.coli and/or Coliforms: +/- or Quantification (State Water (Please Circle One) Yes / No)		
Microbial Growth: Aerobic Plate Count ID, Y & M or Bacteria, Fungal, +/- or Quantification		
Legionella: +/- or Quantification		
Other: Biorburden, LAL or Environmental		
Mold: Spore Trap or Bulk: +/-, Identification, Quantification, Viable or Non-Viable		
SAMPLER'S INITIALS OR OTHER NOTES:		



February 23, 2018

Subcontract Number: NA
Laboratory Report: RES 401812-1
Project # / P.O. # Colonial Motel- CO-0223
Project Description: None Given

Nic Vasquez
Foothills Environmental, Inc. (Lakewood)
11099 W. 8th Avenue
Lakewood CO 80215

Dear Customer,

Reservoirs Environmental, Inc. is an analytical laboratory accredited for the analysis of Industrial Hygiene and Environmental matrices by the National Voluntary Laboratory Accreditation Program (NVLAP), Lab Code 101896-0 for Transmission Electron Microscopy (TEM) and Polarized Light Microscopy (PLM) analysis and the American Industrial Hygiene Association (AIHA), Lab ID 101533 - Accreditation Certificate #480 for Phase Contrast Microscopy (PCM) analysis. This laboratory is currently proficient in both Proficiency Testing and PAT programs respectively.

Reservoirs Environmental, Inc. has analyzed the following samples for asbestos content as per your request. The analysis has been completed in general accordance with the appropriate methodology as stated in the attached analysis table. The results have been submitted to your office.

RES 401812-1 is the job number assigned to this study. This report is considered highly confidential and the sole property of the customer. Reservoirs Environmental, Inc. will not discuss any part of this study with personnel other than those of the client. The results described in this report only apply to the samples analyzed. This report must not be used to claim endorsement of products or analytical results by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without written approval from Reservoirs Environmental, Inc. Samples will be disposed of after sixty days unless longer storage is requested. If you have any questions about this report, please feel free to call 303-964-1986.

Sincerely,

A handwritten signature in blue ink that reads "Elizabeth Martel". Below the signature, the name "Elizabeth Martel" is printed in a small, blue, sans-serif font.

Elizabeth Martel for

Jeanne Spencer
President

RESERVOIRS ENVIRONMENTAL INC.

AIHA Certificate of Accreditation #480, Lab ID 101533

TABLE: FIBER COUNT ANALYSIS IN AIR

RES Job Number: **RES 401812-1**
 Client: **Foothills Environmental, Inc. (Lakewood)**
 Client Project Number / P.O.: **Colonial Motel- CO-0223**
 Client Project Description: **None Given**
 Date Samples Received: **February 23, 2018**
 Method: **REI-SOP Fibers in Air / NIOSH 7400A**
 Turnaround: **2 Hour**
 Date Samples Analyzed: **February 23, 2018**

Client ID Number	Lab ID Number	Air Volume Sampled (L)	Fields Analyzed	Fiber Count	Reporting Limit (F/mm ²)	Fiber Density (F/mm ²)	Reporting Limit (F/cc)	Fiber Concentration (F/cc)
Col-0223-B01	EM 2030583	0	100	1	7.01	BRL	---	---
Col-0223-B02	EM 2030584	0	100	0.5	7.01	BRL	---	---
Col-0223-F01	EM 2030585	1259.94	100	4	7.01	BRL	0.002	BRL
Col-0223-F02	EM 2030586	1216.62	100	3	7.01	BRL	0.002	BRL
Col-0223-F03	EM 2030587	1252	100	4	7.01	BRL	0.002	BRL
Col-0223-F04	EM 2030588	1240.85	100	2	7.01	BRL	0.002	BRL
Col-0223-F05	EM 2030589	1257.88	100	1	7.01	BRL	0.002	BRL

* Unless otherwise stated sample analyses have been blank corrected.
 ND= None Detected

BRL = Below Reporting Limit
 CBR = Cannot Be Read

Laboratory Quarterly Coefficient Variation (CV) by Fiber Count Range -October 1, 2017 - December 31, 2017

5-20 CV = 0.22

>20-50 CV = 0.16

>50-100 CV = 0.08


 Jeff Green

Analyst / Data QA

Due Date: 2-23-18
 Due Time: _____

RES 401812

REILAB Reservoirs Environmental, Inc.

5801 Logan St. Denver, CO 80216 • Ph: 303-964-1988 • Fax: 303-477-4275 • Toll Free: 866-RESI-ENV

After Hours Cell Phone: 720-339-9228

INVOICE TO: (IF DIFFERENT)

CONTACT INFORMATION:

Company: FootHills Environmental
 Address: 11099 W. 8th Avenue
Lakewood, CO 80215

Contact: Nic Vasquez
 Phone: 303-960-4572
 Fax: _____
 Cell/pager: _____

Final Data Deliverable Email Address: Nic@foothillsusa.com

Project Number and/or P.O. #: Colonial Motel - CO 80223
 Project Description/Location: _____

ASBESTOS LABORATORY HOURS: Weekdays: 7am - 7pm & Sat. 8am - 5pm	
PLM / PCM / TEM	<input checked="" type="checkbox"/> RUSH (Same Day) ___ PRIORITY (Next Day) ___ STANDARD (3-5 Day) (Rush PCM = 2hr, TEM = 6hr.)
CHEMISTRY LABORATORY HOURS: Weekdays: 8am - 5pm	___ RUSH ___ 24 hr. ___ 3-5 Day ___ RUSH (3 Day) ___ 5 Day ___ 10 Day
Metal(s) / Dust**	___ RUSH ___ 24 hr. ___ 3-5 Day
RCRA 8 / Metals & Welding Fume Scan / TCLP**	___ RUSH (3 Day) ___ 5 Day ___ 10 Day
Organics	___ 24 hr. ___ 3 day ___ 5 Day
MICROBIOLOGY LABORATORY HOURS: Weekdays: 9am - 6pm	___ 24-48 Hour Other: _____
E.coli and/or Coliforms*	___ 24-48 Hour
Pathogens*	___ 5-10 Day *TAT dependent on speed of microbial growth.*
Legionella	___ 10 Day
Mold	___ RUSH ___ 24 Hr ___ 48 Hr ___ 3 Day ___ 5 Day
Turnaround times establish a laboratory priority, subject to laboratory volume and are not guaranteed. Additional fees apply for afterhours, weekends and holidays.	
Special Instructions: _____	

Client sample ID number	(Sample ID's must be unique)
1	Col-0223-B01
2	Col-0223-B02
3	Col-0223-F01
4	Col-0223-F02
5	Col-0223-F03
6	Col-0223-F04
7	Col-0223-F05
8	
9	
10	

Number of samples received: 7 (Additional samples shall be listed on attached long form.)
 NOTE: REI will analyze incoming samples based upon information received and will not be responsible for errors or omissions in calculations resulting from the inaccuracy of original data. By signing client/company representative agrees that submission of the following samples for requested analysis as indicated on this Chain of Custody shall constitute an analytical services agreement with payment terms of NET 30 days, failure to comply with payment terms may result in a 1.5% monthly interest surcharge.

Reinquisitioned By:	Signature	Date	Time	Initials
Reinquisitioned By:	<u>Elizabeth Moore</u>	<u>2-23-18</u>	<u>4:05</u>	
Date Entry	Phone	Email	Fax	Initials
QA:	Contact	Contact	Contact	Contact

VALID MATRIX CODES	LAB NOTES:
Air = A	Bulk = B
Dust = D	Paint = P
Soil = S	Wipe = W
Swab = SW	F = Food
Drinking Water = DW	Waste Water = WW
O = Other	
ASTM E1792 approved wipe media only	

REQUESTED ANALYSIS	SAMPLER'S INITIALS OR OTHER NOTES:
METALS - Analyte(s) DUST - Total, Respirable PCM - 7400A, 7400B, OSHA TEM - AHERA, Level II, 7402, ISO, +/- (Air, Bulk or Dust), Quant, Semi-Quant, Micro-vac, ISO-Indirect Preps	
MICROBIOLOGY Viabiles Pathogens: Aerobic Plate Count, Salmonella, E. coli, O157:H7, Listeria, S aureus, Campylobacter, +/- Quantification E. coli and/or Coliforms: +/- or Quantification State Water (Please Circle One) Yes / No Bacteria Fungal +/- or Quantification Legionella +/- or Quantification Other: Bioterror, LAL or Environmental Mold: Spore Trap or Bulk +/-, Identification, Quantification Viable or Non-Viable	
ORGANICS - METH, TSS RCRA 8, TCLP, Welding Fume, Metals Scan, pH	

EM Number (Laboratory Use Only)
<u>2030503</u>

Sample Condition:	On Ice	Sealed	Intact
Temp. (F°) _____	Yes / No	Yes / No	Yes / No



February 27, 2018

Subcontract Number: NA
Laboratory Report: RES 402023-1
Project # / P.O. # None Given
Project Description: 2615-0227 AS18049

Nic Vasquez
Foothills Environmental, Inc. (Lakewood)
11099 W. 8th Avenue
Lakewood CO 80215

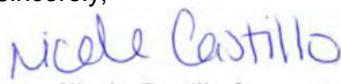
Dear Customer,

Reservoirs Environmental, Inc. is an analytical laboratory accredited for the analysis of Industrial Hygiene and Environmental matrices by the National Voluntary Laboratory Accreditation Program (NVLAP), Lab Code 101896-0 for Transmission Electron Microscopy (TEM) and Polarized Light Microscopy (PLM) analysis and the American Industrial Hygiene Association (AIHA), Lab ID 101533 - Accreditation Certificate #480 for Phase Contrast Microscopy (PCM) analysis. This laboratory is currently proficient in both Proficiency Testing and PAT programs respectively.

Reservoirs Environmental, Inc. has analyzed the following samples for asbestos content as per your request. The analysis has been completed in general accordance with the appropriate methodology as stated in the attached analysis table. The results have been submitted to your office.

RES 402023-1 is the job number assigned to this study. This report is considered highly confidential and the sole property of the customer. Reservoirs Environmental, Inc. will not discuss any part of this study with personnel other than those of the client. The results described in this report only apply to the samples analyzed. This report must not be used to claim endorsement of products or analytical results by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without written approval from Reservoirs Environmental, Inc. Samples will be disposed of after sixty days unless longer storage is requested. If you have any questions about this report, please feel free to call 303-964-1986.

Sincerely,


Nicole Castillo for

Jeanne Spencer
President

RESERVOIRS ENVIRONMENTAL INC.

AIHA Certificate of Accreditation #480, Lab ID 101533

TABLE: FIBER COUNT ANALYSIS IN AIR

RES Job Number: **RES 402023-1**
 Client: **Foothills Environmental, Inc. (Lakewood)**
 Client Project Number / P.O.: **None Given**
 Client Project Description: **2615-0227 AS18049**
 Date Samples Received: **February 27, 2018**
 Method: **REI-SOP Fibers in Air / NIOSH 7400A**
 Turnaround: **2 Hour**
 Date Samples Analyzed: **February 27, 2018**

Client ID Number	Lab ID Number	Air Volume Sampled (L)	Fields Analyzed	Fiber Count	Reporting Limit (F/mm ²)	Fiber Density (F/mm ²)	Reporting Limit (F/cc)	Fiber Concentration (F/cc)
2615-0227-B01	EM 2032289	0	100	0	7.01	BRL	---	---
2615-0227-B02	EM 2032290	0	100	0	7.01	BRL	---	---
2615-0227-F01	EM 2032291	1663.67	100	4	7.01	BRL	0.002	BRL
2615-0227-F02	EM 2032292	1667.91	100	4.5	7.01	BRL	0.002	BRL
2615-0227-F03	EM 2032293	1577.68	100	2.5	7.01	BRL	0.002	BRL
2615-0227-F04	EM 2032294	1583.11	100	4	7.01	BRL	0.002	BRL
2615-0227-F05	EM 2032295	1576.92	100	2	7.01	BRL	0.002	BRL

* Unless otherwise stated sample analyses have been blank corrected.
 ND= None Detected

BRL = Below Reporting Limit
 CBR = Cannot Be Read

Laboratory Quarterly Coefficient Variation (CV) by Fiber Count Range -October 1, 2017 - December 31, 2017

5-20 CV = 0.22

>20-50 CV = 0.16

>50-100 CV = 0.08



Amy Mitschele

Analyst / Data QA

Due Date: 2-27-18
 Due Time: _____



Reservoirs Environmental, Inc.

5801 Logan St. Denver, CO 80216 • Ph. 303 964-1988 • Fax 303-477-4275 • Toll Free 866 RESERVE

RES 402023

After Hours Cell Phone: 720-339-9228

INVOICE TO: (IF DIFFERENT)

Company: FootHills Environmental
 Address: 11099 W. 8th Avenue
Lakewood, CO 80215

CONTACT INFORMATION:

Contact: Nic Vasquez
 Phone: _____
 Fax: _____
 Cell/pager: _____

Project Number and/or P.O. #: _____

Project Description/Location: 2615-0227 AS18049

Final Data Deliverable Email Address: nic@foothillsusa.com

ASBESTOS LABORATORY HOURS: Weekdays: 7am - 7pm & Sat. 8am - 5pm
PLM / PCM / TEM RUSH (Same Day) ___ PRIORITY (Next Day) ___ STANDARD (3-5 Day)
 (Rush PCM = 2hr, TEM = 6hr.)

CHEMISTRY LABORATORY HOURS: Weekdays: 8am - 5pm
 Metal(s) / Dust** ___ RUSH ___ 24 hr ___ 3-5 Day
 RCRA 8 / Metals & Welding ___ RUSH (3 Day) ___ 5 Day ___ 10 Day
 Fume Scan / TCLP** ___ RUSH ___ 24 hr ___ 3 day ___ 5 Day

MICROBIOLOGY LABORATORY HOURS: Weekdays: 9am - 6pm
 E.coli and/or Coliforms* ___ 24-48 Hour Other: _____
 Pathogens* ___ 24-48 Hour
 ___ 5-10 Day *TAT dependent on speed of microbial growth.*
 Legionella ___ 10 Day
 Mold ___ RUSH ___ 24 Hr ___ 48 Hr ___ 3 Day ___ 5 Day

Turnaround times establish a laboratory priority, subject to laboratory volume and are not guaranteed. Additional fees apply for afterhours, weekends and holidays.

Special Instructions: _____

REQUESTED ANALYSIS	SAMPLER'S INITIALS OR OTHER NOTES:	VALID MATRIX CODES	LAB NOTES:
PLM - Short report, Point Count, Long report, Qualitative TEM - AHERA, Level II, 7402, ISO +/- (Air, Bulk or Dust), Quant, Semi-Quant, Micro-vac, ISO-Indirect Preps PCM - 7400A, 7400B, OSHA METALS - Analyte(s) _____ RCRA 8, TCLP, Welding Fume, Metals Scan, pH ORGANICS - METH, TSS Pathogens: Aerobic Plate Count, Salmonella, E.coli, O157:H7, Listeria, S aureus, Campylobacter, +/- or Quantification E.coli and/or Coliforms: +/- or Quantification State Water (Please Circle One) Yes / No Microbial Growth : Aerobic Plate Count ID, Y & M or Bacteria, Fungal, +/- or Quantification Legionella: +/- or Quantification Other: Bioburden, LAL or Environmental Viable or Non-Viable		Air = A Bulk = B Dust = D Paint = P Soil = S Wipe = W Swab = SW F = Food Drinking Water = DW Waste Water = WW O = Other **ASTM E1792 approved wipe media only**	

Client sample ID number	(Sample ID's must be unique)
1	2615-0227-1361
2	2615-0227-1362
3	2615-0227-1361
4	2615-0227-1362
5	2615-0227-1363
6	2615-0227-1364
7	2615-0227-1365
8	
9	
10	

Sample Volume (L) / Area	Date Collected mmm/dd/yyyy	Time Collected hh:mm a/p	EM Number (Laboratory Use Only)
A			2032289
1663.67			90
1667.91			1
1577.68			2
1583.11			3
1576.92			4
			5

Number of samples received: 7 (Additional samples shall be listed on attached long form.)

NOTE: REI will analyze incoming samples based upon information received and will not be responsible for errors or omissions in calculations resulting from the inaccuracy of original data. By signing client/company representative agrees that submission of the following samples for requested analysis as indicated on this Chain of Custody shall constitute an analytical services agreement with payment terms of NET 30 days, failure to comply with payment terms may result in a 1.5% monthly interest surcharge.

Relinquished By:	Date/Time:	Carrier:	Date/Time:	Sample Condition:	On Ice	Sealed	Intact
<u>Dylan Rowe</u>	<u>2-27-18</u>	<u>Hand / FedEx / UPS / USPS / Drop Box / Courier</u>	<u>12 PM</u>	Temp. (F°) _____	Yes / No	Yes / No	Yes / No
Received By: <u>Elisabeth Rowe</u>	Date/Time: <u>2-27-18 12</u>	Contact: _____	Phone Email Fax _____	Initials _____	Time _____	Initials _____	Initials _____



February 27, 2018

Subcontract Number: NA
Laboratory Report: RES 402024-1
Project # / P.O. # None Given
Project Description: C01-0227 AS18049

Nic Vasquez
Foothills Environmental, Inc. (Lakewood)
11099 W. 8th Avenue
Lakewood CO 80215

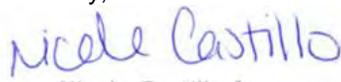
Dear Customer,

Reservoirs Environmental, Inc. is an analytical laboratory accredited for the analysis of Industrial Hygiene and Environmental matrices by the National Voluntary Laboratory Accreditation Program (NVLAP), Lab Code 101896-0 for Transmission Electron Microscopy (TEM) and Polarized Light Microscopy (PLM) analysis and the American Industrial Hygiene Association (AIHA), Lab ID 101533 - Accreditation Certificate #480 for Phase Contrast Microscopy (PCM) analysis. This laboratory is currently proficient in both Proficiency Testing and PAT programs respectively.

Reservoirs Environmental, Inc. has analyzed the following samples for asbestos content as per your request. The analysis has been completed in general accordance with the appropriate methodology as stated in the attached analysis table. The results have been submitted to your office.

RES 402024-1 is the job number assigned to this study. This report is considered highly confidential and the sole property of the customer. Reservoirs Environmental, Inc. will not discuss any part of this study with personnel other than those of the client. The results described in this report only apply to the samples analyzed. This report must not be used to claim endorsement of products or analytical results by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without written approval from Reservoirs Environmental, Inc. Samples will be disposed of after sixty days unless longer storage is requested. If you have any questions about this report, please feel free to call 303-964-1986.

Sincerely,


Nicole Castillo for

Jeanne Spencer
President

RESERVOIRS ENVIRONMENTAL INC.

AIHA Certificate of Accreditation #480, Lab ID 101533

TABLE: FIBER COUNT ANALYSIS IN AIR

RES Job Number: **RES 402024-1**
 Client: **Foothills Environmental, Inc. (Lakewood)**
 Client Project Number / P.O.: **None Given**
 Client Project Description: **C01-0227 AS18049**
 Date Samples Received: **February 27, 2018**
 Method: **REI-SOP Fibers in Air / NIOSH 7400A**
 Turnaround: **2 Hour**
 Date Samples Analyzed: **February 27, 2018**

Client ID Number	Lab ID Number	Air Volume Sampled (L)	Fields Analyzed	Fiber Count	Reporting Limit (F/mm ²)	Fiber Density (F/mm ²)	Reporting Limit (F/cc)	Fiber Concentration (F/cc)
C01-0227-B01	EM 2032285	0	100	0	7.01	BRL	---	---
C01-0227-B02	EM 2032286	0	100	0	7.01	BRL	---	---
C01-0227-F01	EM 2032287	1289.41	100	4.5	7.01	BRL	0.002	BRL
C01-0227-F02	EM 2032288	1303.68	100	6	7.01	7.64	0.002	0.002

* Unless otherwise stated sample analyses have been blank corrected.
 ND= None Detected

BRL = Below Reporting Limit
 CBR = Cannot Be Read

Laboratory Quarterly Coefficient Variation (CV) by Fiber Count Range -October 1, 2017 - December 31, 2017

5-20 CV = 0.22

>20-50 CV = 0.16

>50-100 CV = 0.08



Amy Mitschele

Analyst / Data QA

Due Date: 2.27.18
 Due Time: _____



Reservoirs Environmental, Inc.

5801 Logan St, Denver, CO 80216 • Ph: 303 964-1986 • Fax 303-477-4275 • Toll Free 866 RESERVE

RES 402024

After Hours Cell Phone: 720-339-9228

INVOICE TO: (IF DIFFERENT)

CONTACT INFORMATION:

Company: Foothills Environmental Contact: Nic Vasquez
 Address: 11099 W. 8th Avenue Phone: _____
Lakewood, CO 80215 Fax: _____
 Cell pager: _____

Project Number and/or P.O. #: _____
 Project Description/Location: CO-0227 AS18049 Final Data Deliverable Email Address: nic@foothillsusa.com

ASBESTOS LABORATORY HOURS: Weekdays: 7am - 7pm & Sat. 8am - 5pm		VALID MATRIX CODES		LAB NOTES:	
PLM / PCM / TEM	<input checked="" type="checkbox"/> RUSH (Same Day) <input type="checkbox"/> PRIORITY (Next Day) <input type="checkbox"/> STANDARD (3-5 Day) (Rush PCM = 2hr) TEM = 6hr.	Air = A	Bulk = B		
CHEMISTRY LABORATORY HOURS: Weekdays: 8am - 5pm		Dust = D	Paint = P		
Metal(s) / Dust**	<input type="checkbox"/> RUSH <input type="checkbox"/> 24 hr. <input type="checkbox"/> 3-5 Day	Soil = S	Wipe = W		
RCRA 8 / Metals & Welding	<input type="checkbox"/> RUSH (3 Day) <input type="checkbox"/> 5 Day <input type="checkbox"/> 10 Day	Swab = SW	F = Food		
Fume Scan / TCLP**	<input type="checkbox"/> 24 hr. <input type="checkbox"/> 3 day <input type="checkbox"/> 5 Day	Drinking Water = DW	Waste Water = WW		
Organics		O = Other			
MICROBIOLOGY LABORATORY HOURS: Weekdays: 9am - 6pm		**ASTM E1792 approved wipe media only**			
E.coli and/or Coliforms*	<input type="checkbox"/> 24-48 Hour Other: _____				
Pathogens*	<input type="checkbox"/> 24-48 Hour <input type="checkbox"/> 5-10 Day				
Microbial Growth*	<input type="checkbox"/> 10 Day				
Legionella	<input type="checkbox"/> RUSH <input type="checkbox"/> 24 Hr <input type="checkbox"/> 48 Hr <input type="checkbox"/> 3 Day <input type="checkbox"/> 5 Day				
Mold					
Turnaround times establish a laboratory priority, subject to laboratory volume and are not guaranteed. Additional fees apply for afterhours, weekends and holidays.					
Special Instructions:					

Client sample ID number (Sample ID's must be unique)	REQUESTED ANALYSIS		SAMPLER'S INITIALS OR OTHER NOTES:		VALID MATRIX CODES		EM Number (Laboratory Use Only)			
	PM - Short report, Point Count, Long report, Qualitative	TEM - AHERA, Level II, 7402, ISO +/- (Air, Bulk or Dust), Quant, Semi-Quant, Micro-vac, ISO-Indirect Preps	METALS - Analyte(s) RCRA 8, TCLP, Welding Fume, Metals Scan, pH	ORGANICS - METH, TSS Pathogens: Aerobic Plate Count, Salmonella, E. coli O157:H7, Listeria, S aureus, Campylobacter, +/- or Quantification	E. coli and/or Coliforms: +/- or Quantification State Water (Please Circle One) Yes / No	Microbial Growth: Aerobic Plate Count ID, Y & M or Bacteria, Fungal, +/- or Quantification		Other: Bioburden, LAL or Environmental Legionella +/- or Quantification Mold: Spore Trap or Bulk: +/-, Identification, Quantification Viable or Non-Viable	Sample Volume (L) / Area	Date Collected mm/dd/yyyy
1 Col-0227-B01							2032285	A		
2 Col-0227-B02										
3 Col-0227-F01										
4 Col-0227-F02										
5										
6										
7										
8										
9										
10										

Number of samples received: 4 (Additional samples shall be listed on attached long form.)
 NOTE: REI will analyze incoming samples based upon information received and will not be responsible for errors or omissions in calculations resulting from the inaccuracy of original data. By signing client/company representative agrees that submission of the following samples for requested analysis as indicated on this Chain of Custody shall constitute an analytical services agreement with payment terms of NET 30 days, failure to comply with payment terms may result in a 1.5% monthly interest surcharge.

Relinquished By: Dylan Green Date/Time: 2.27.18 12 PM
 Laboratory Use Only
 Received By: Elizabeth Maxwell Date/Time: 2.27.18 12
 Data Entry Contact: _____ Phone Email Fax _____
 QA: _____ Phone Email Fax _____



March 6, 2018

Subcontract Number: NA
Laboratory Report: RES 402605-1
Project # / P.O. # COLO6-0305
Project Description: None Given

Nic Vasquez
Foothills Environmental, Inc. (Lakewood)
11099 W. 8th Avenue
Lakewood CO 80215

Dear Customer,

Reservoirs Environmental, Inc. is an analytical laboratory accredited for the analysis of Industrial Hygiene and Environmental matrices by the National Voluntary Laboratory Accreditation Program (NVLAP), Lab Code 101896-0 for Transmission Electron Microscopy (TEM) and Polarized Light Microscopy (PLM) analysis and the American Industrial Hygiene Association (AIHA), Lab ID 101533 - Accreditation Certificate #480 for Phase Contrast Microscopy (PCM) analysis. This laboratory is currently proficient in both Proficiency Testing and PAT programs respectively.

Reservoirs Environmental, Inc. has analyzed the following samples for asbestos content as per your request. The analysis has been completed in general accordance with the appropriate methodology as stated in the attached analysis table. The results have been submitted to your office.

RES 402605-1 is the job number assigned to this study. This report is considered highly confidential and the sole property of the customer. Reservoirs Environmental, Inc. will not discuss any part of this study with personnel other than those of the client. The results described in this report only apply to the samples analyzed. This report must not be used to claim endorsement of products or analytical results by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without written approval from Reservoirs Environmental, Inc. Samples will be disposed of after sixty days unless longer storage is requested. If you have any questions about this report, please feel free to call 303-964-1986.

Sincerely,

A handwritten signature in blue ink that reads "Elisa Mari". Below the signature, the text "Elisa Mari for" is printed in a smaller, blue, sans-serif font.

Jeanne Spencer
President

RESERVOIRS ENVIRONMENTAL INC.

AIHA Certificate of Accreditation #480, Lab ID 101533

TABLE: FIBER COUNT ANALYSIS IN AIR

RES Job Number: **RES 402605-1**
 Client: **Foothills Environmental, Inc. (Lakewood)**
 Client Project Number / P.O.: **COLO6-0305**
 Client Project Description: **None Given**
 Date Samples Received: **March 05, 2018**
 Method: **REI-SOP Fibers in Air / NIOSH 7400A**
 Turnaround: **2 Hour**
 Date Samples Analyzed: **March 05, 2018**

Client ID Number	Lab ID Number	Air Volume Sampled (L)	Fields Analyzed	Fiber Count	Reporting Limit (F/mm ²)	Fiber Density (F/mm ²)	Reporting Limit (F/cc)	Fiber Concentration (F/cc)
COLO6-0305-B01	EM 2037225	0	100	2	7.01	BRL	---	---
COLO6-0305-B02	EM 2037226	0	100	3	7.01	BRL	---	---
COLO6-0305-F01	EM 2037227	1163.37	100	8.5	7.01	7.64	0.002	0.003
COLO6-0305-F02	EM 2037228	1121.87	100	10	7.01	9.55	0.002	0.003
COLO6-0305-F03	EM 2037229	1129.36	100	7	7.01	BRL	0.002	BRL
COLO6-0305-F04	EM 2037230	1206.73	100	0	7.01	BRL	0.002	BRL
COLO6-0305-F05	EM 2037231	1243.46	100	5	7.01	BRL	0.002	BRL

* Unless otherwise stated sample analyses have been blank corrected.
 ND= None Detected

BRL = Below Reporting Limit
 CBR = Cannot Be Read

Laboratory Quarterly Coefficient Variation (CV) by Fiber Count Range -October 1, 2017 - December 31, 2017

5-20 CV = 0.22

>20-50 CV = 0.16

>50-100 CV = 0.08


 Jeff Green

Analyst / Data QA

Due Date: 3/5/16
 Due Time: _____



Reservoirs Environmental, Inc.

5801 Logan St. Denver, CO 802216 • Ph: 303.964.1986 • Fax: 303.477.4275 • Toll Free: 866.RESHENY

After Hours Cell Phone: 720-339-9228

RES 402605

INVOICE TO: (IF DIFFERENT)

Company: Foot Hills Environmental
 Address: 11099 W, 8th Ave
Lakewood, CO 80215

CONTACT INFORMATION:

Contact: Nic Vasquez
 Phone: _____
 Fax: _____
 Cell/pager: _____

Final Data Deliverable Email Address: nic@foothillsusa.com
 dylan@foothillsusa.com

Project Number and/or P.O. #: COL06-0305
 Project Description/Location: _____

ASBESTOS LABORATORY HOURS: Weekdays: 7am - 7pm & Sat. 8am - 5pm	REQUESTED ANALYSIS	VALID MATRIX CODES	LAB NOTES:
PLM / PCM / TEM <input checked="" type="checkbox"/> RUSH (Same Day) <input type="checkbox"/> PRIORITY (Next Day) <input type="checkbox"/> STANDARD (3-5 Day) (Rush PCM = 2hr, TEM = 6hr.)	PLM - Short report, Point Count, Long report, Qualitative TEM - AHERA, Level II, 7402, ISO, +/- (Air, Bulk or Dust), Quant, Semi-Quant, Micro-vac, ISO-Indirect Preps PCM - 7400A, 7400B, OSHA DUST - Total, Respirable METALS - Analyte(s) _____ RCRA 8, TCLP, Welding Fume, Metals Scan, pH ORGANICS - METH, TSS Pathogens: Aerobic Plate Count, Salmonella, E. coli O157:H7, Listeria, S. aureus, Campylobacter, +/- or Quantification E. coli and/or Coliforms: +/- or Quantification State Water (Please Circle One) Yes / No Microbial Growth: Aerobic Plate Count ID, Y & M or Bacteria, Fungal, +/- or Quantification Legionella: +/- or Quantification Other: Bioterror, LAL or Environmental Mold: Spore Trap or Bulk: +/-, Identification, Quantification, Viable or Non-Viable	Air = A Bulk = B Dust = D Paint = P Soil = S Wipe = W Swab = SW F = Food Drinking Water = DW Waste Water = WW O = Other **ASTM E1792 approved wipe media only**	
CHEMISTRY LABORATORY HOURS: Weekdays: 8am - 5pm Metal(s) / Dust** RUSH 24 hr. 3-5 Day RCRA 8 / Metals & Welding Fume Scan / TCLP** RUSH (3 Day) 5 Day 10 Day Organics 24 hr. 3 day 5 Day			
MICROBIOLOGY LABORATORY HOURS: Weekdays: 9am - 6pm E. coli and/or Coliforms* 24-48 Hour Pathogens* 24-48 Hour Microbial Growth* 5-10 Day Legionella 10 Day Mold RUSH 24 Hr 48 Hr 3 Day 5 Day			
Turnaround times establish a laboratory priority, subject to laboratory volume and are not guaranteed. Additional fees apply for afterhours, weekends and holidays.			
Special Instructions: _____			

Client sample ID number	(Sample ID's must be unique)	Sample Volume (L) / Area	Matrix Code	# Containers	Date Collected	Time Collected	EM Number
1	COL06-0305-B01	1163.37	A				2037225
2	COL06-0305-B02	1721.87					278
3	COL06-0305-F01	1729.36					9
4	COL06-0305-F02	1206.33					30
5	COL06-0305-F03	1243.46					1
6	COL06-0305-F04						
7	COL06-0305-F05						
8							
9							
10							

Number of samples received: _____ (Additional samples shall be listed on attached long form.)
 NOTE: REI will analyze incoming samples based upon information received and will not be responsible for errors or omissions in calculations resulting from the inaccuracy of original data. By signing client/company representative agrees that submission of the following samples for requested analysis as indicated on this Chain of Custody shall constitute an analytical services agreement with payment terms of NET 30 days. Failure to comply with payment terms may result in a 1.5% monthly interest surcharge.

Relinquished By:	Date/Time:	3-5-16	5-30 PM	Sample Condition:	On Ice	Sealed	Intact
<u>Dylan Hesse</u>	3/5/16	5:30	Hand FedEx / UPS / USPS / Drop	Temp. (F°)	Yes / No	Yes / No	Yes / No
Received By:	Date/Time:	3/5/16	5:30	Carrier:	Box / Courier		
Data Entry	Contact	Phone	Email	Fax	Date	Time	Initials
QA:	Contact	Phone	Email	Fax	Date	Time	Initials



March 6, 2018

Subcontract Number: NA
Laboratory Report: RES 402604-1
Project # / P.O. # COLO8-0305
Project Description: None Given

Nic Vasquez
Foothills Environmental, Inc. (Lakewood)
11099 W. 8th Avenue
Lakewood CO 80215

Dear Customer,

Reservoirs Environmental, Inc. is an analytical laboratory accredited for the analysis of Industrial Hygiene and Environmental matrices by the National Voluntary Laboratory Accreditation Program (NVLAP), Lab Code 101896-0 for Transmission Electron Microscopy (TEM) and Polarized Light Microscopy (PLM) analysis and the American Industrial Hygiene Association (AIHA), Lab ID 101533 - Accreditation Certificate #480 for Phase Contrast Microscopy (PCM) analysis. This laboratory is currently proficient in both Proficiency Testing and PAT programs respectively.

Reservoirs Environmental, Inc. has analyzed the following samples for asbestos content as per your request. The analysis has been completed in general accordance with the appropriate methodology as stated in the attached analysis table. The results have been submitted to your office.

RES 402604-1 is the job number assigned to this study. This report is considered highly confidential and the sole property of the customer. Reservoirs Environmental, Inc. will not discuss any part of this study with personnel other than those of the client. The results described in this report only apply to the samples analyzed. This report must not be used to claim endorsement of products or analytical results by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without written approval from Reservoirs Environmental, Inc. Samples will be disposed of after sixty days unless longer storage is requested. If you have any questions about this report, please feel free to call 303-964-1986.

Sincerely,

A handwritten signature in blue ink, appearing to read "Gina Veltraine Far". Below the signature is the printed name "Gina Veltraine Far" in a small, blue, sans-serif font.

Gina Veltraine Far

Jeanne Spencer
President

RESERVOIRS ENVIRONMENTAL INC.

AIHA Certificate of Accreditation #480, Lab ID 101533

TABLE: FIBER COUNT ANALYSIS IN AIR

RES Job Number: **RES 402604-1**
 Client: **Foothills Environmental, Inc. (Lakewood)**
 Client Project Number / P.O.: **COLO8-0305**
 Client Project Description: **None Given**
 Date Samples Received: **March 05, 2018**
 Method: **REI-SOP Fibers in Air / NIOSH 7400A**
 Turnaround: **2 Hour**
 Date Samples Analyzed: **March 05, 2018**

Client ID Number	Lab ID Number	Air Volume Sampled (L)	Fields Analyzed	Fiber Count	Reporting Limit (F/mm ²)	Fiber Density (F/mm ²)	Reporting Limit (F/cc)	Fiber Concentration (F/cc)
COLO8-0305-B01	EM 2037217	0	100	1	7.01	BRL	---	---
COLO8-0305-B02	EM 2037218	0	100	1	7.01	BRL	---	---
COLO8-0305-F01	EM 2037219	1368.96	100	16.5	7.01	19.75	0.002	0.006
COLO8-0305-F02	EM 2037220	1448.55	100	18.5	7.01	22.29	0.002	0.006
COLO8-0305-F03	EM 2037221	1390.18	100	13.5	7.01	15.92	0.002	0.004
COLO8-0305-F04	EM 2037222	1215.72	100	9	7.01	10.19	0.002	0.003
COLO8-0305-F05	EM 2037223	1326.32	100	8.5	7.01	9.55	0.002	0.003
DA599886 (Not on original COC)	EM 2037224	0	100	1	7.01	BRL	---	---

* Unless otherwise stated sample analyses have been blank corrected.
 ND= None Detected

BRL = Below Reporting Limit
 CBR = Cannot Be Read

Laboratory Quarterly Coefficient Variation (CV) by Fiber Count Range -October 1, 2017 - December 31, 2017

5-20 CV = 0.22

>20-50 CV = 0.16

>50-100 CV = 0.08



Jeff Green

Analyst / Data QA

Due Date: 2/5/18
 Due Time: _____

RES 402604

REILAB Reservoirs Environmental, Inc.
 5801 Logan St Denver, CO 80216 • Ph: 303 964-1986 • Fax 303-477-4275 • Toll Free: 866 RESI-ENV

After Hours Cell Phone: 720-339-9228

INVOICE TO: (IF DIFFERENT)

CONTACT INFORMATION:

Company: FootHills Environmental
 Address: 11099 W. 8th Ave Lakewood, CO 80215
 Project Number and/or P.O. #: C0608-0305
 Project Description/Location: _____

Company: Nic Verquez
 Address: _____
 Project Number and/or P.O. #: _____
 Project Description/Location: _____

Final Data Deliverable Email Address: nic@foothillsusa.com
 Contact: Nic Verquez
 Phone: _____
 Fax: _____
 Cell/pager: _____

Final Data Deliverable Email Address: dylan@foothillsusa.com
 Contact: _____
 Phone: _____
 Fax: _____
 Cell/pager: _____

ASBESTOS LABORATORY HOURS: Weekdays: 7am - 7pm & Sat. 8am - 5pm
 PLM / PCM / TEM RUSH (Same Day) PRIORITY (Next Day) STANDARD (3-5 Day)
 (Rush PCM = 2hr, TEM = 6hr.)

CHEMISTRY LABORATORY HOURS: Weekdays: 8am - 5pm
 Metal(s) / Dust** RUSH 24 hr. 3-5 Day
 RCRA 8 / Metals & Welding RUSH (3 Day) 5 Day 10 Day
 Fume Scan / TCLP** RUSH 24 hr. 3 day 5 Day
 Organics 24 hr. 3 day 5 Day

MICROBIOLOGY LABORATORY HOURS: Weekdays: 9am - 6pm
 E.coli and/or Coliforms* 24-48 Hour Other: _____
 Pathogens* 24-48 Hour *TAT dependent on speed of microbial growth.*
 Microbial Growth* 5-10 Day
 Legionella 10 Day
 Mold RUSH 24 Hr 48 Hr 3 Day 5 Day

Turnaround times establish a laboratory priority, subject to laboratory volume and are not guaranteed. Additional fees apply for afterhours, weekends and holidays.

Special Instructions: _____

REQUESTED ANALYSIS		VALID MATRIX CODES		LAB NOTES:	
PLM - Short report, Point Count, Long report, Qualitative	Air = A	Bulk = B			
TEM - AHERA, Level II, 7402, ISO, +/- (Air, Bulk or Dust), Quant, Semi-Quant, Micro-vac, ISO-Indirect Preps	Dust = D	Paint = P			
PCM - 7400A, 7400B, OSHA	Soil = S	Wipe = W			
DUST - Total, Respirable	Swab = SW	F = Food			
METALS - Analyte(s) RCRA 8, TCLP, Welding Fume, Metals Scan, pH	Drinking Water = DW	Waste Water = WW			
ORGANICS - METH, TSS	O = Other	**ASTM E1792 approved wipe media only**			
Microbiology	VALID MATRIX CODES				
Pathogens: Aerobic Plate Count, Salmonella, E.coli, Staph, Listeria, S.aureus, Campylobacter, +/- or Quantification	Air = A	Bulk = B			
E.coli and/or Coliforms: +/- or Quantification	Dust = D	Paint = P			
State Water (Please Circle One) Yes / No	Soil = S	Wipe = W			
Bacteria, Fungal, +/- or Quantification	Swab = SW	F = Food			
Legionella: +/- or Quantification	Drinking Water = DW	Waste Water = WW			
Mold: Spore Trap or Bulk: +/-, Identification, Quantification, Viable or Non-Viable	O = Other	**ASTM E1792 approved wipe media only**			
Other: Bioburden, LAL or Environmental	VALID MATRIX CODES				
SAMPLER'S INITIALS OR OTHER NOTES:	Matrix Code	Date Collected mm/dd/yy	Time Collected hh:mm a/p	EM Number (Laboratory Use Only)	

Client sample ID number (Sample ID's must be unique)	Sample Volume (L) / Area	Date Collected mm/dd/yy	Time Collected hh:mm a/p	EM Number (Laboratory Use Only)
1 C0608-0305-B01	348.96			203727
2 C0608-0305-B02	1368.96			8
3 C0608-0305-F01	1448.55			9
4 C0608-0305-F02	1396.18			20
5 C0608-0305-F03	1215.72			1
6 C0608-0305-F04	1326.32			2
7 C0608-0305-F05				3
8 DAS99800 (not on original COC)				4
9				
10				

Number of samples received: 8 (Additional samples shall be listed on attached long form.)
 NOTE: REI will analyze incoming samples based upon information received and will not be responsible for errors or omissions in calculations resulting from the inaccuracy of original data. By signing client/company representative agrees that submission of the following samples for requested analysis as indicated on this Chain of Custody shall constitute an analytical services agreement with payment terms of NET 30 days, failure to comply with payment terms may result in a 1.5% monthly interest surcharge.

Relinquished By: Dylan Hauer Date/Time: 2-5-18 5:25 PM
 Laboratory Use Only / Chain of Custody Date/Time: 3/5/18 5:30 Carrier: Hand FedEx / UPS / USPS / Drop Box / Courier
 Data Entry Contact: _____ Phone Email Fax: _____ Date: _____ Time: _____ Initials: _____
 QA: _____ Contact: _____ Phone Email Fax: _____ Date: _____ Time: _____ Initials: _____



March 6, 2018

Subcontract Number: NA
Laboratory Report: RES 402603-1
Project # / P.O. # COLO103-0305
Project Description: None Given

Nic Vasquez
Foothills Environmental, Inc. (Lakewood)
11099 W. 8th Avenue
Lakewood CO 80215

Dear Customer,

Reservoirs Environmental, Inc. is an analytical laboratory accredited for the analysis of Industrial Hygiene and Environmental matrices by the National Voluntary Laboratory Accreditation Program (NVLAP), Lab Code 101896-0 for Transmission Electron Microscopy (TEM) and Polarized Light Microscopy (PLM) analysis and the American Industrial Hygiene Association (AIHA), Lab ID 101533 - Accreditation Certificate #480 for Phase Contrast Microscopy (PCM) analysis. This laboratory is currently proficient in both Proficiency Testing and PAT programs respectively.

Reservoirs Environmental, Inc. has analyzed the following samples for asbestos content as per your request. The analysis has been completed in general accordance with the appropriate methodology as stated in the attached analysis table. The results have been submitted to your office.

RES 402603-1 is the job number assigned to this study. This report is considered highly confidential and the sole property of the customer. Reservoirs Environmental, Inc. will not discuss any part of this study with personnel other than those of the client. The results described in this report only apply to the samples analyzed. This report must not be used to claim endorsement of products or analytical results by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without written approval from Reservoirs Environmental, Inc. Samples will be disposed of after sixty days unless longer storage is requested. If you have any questions about this report, please feel free to call 303-964-1986.

Sincerely,

A handwritten signature in blue ink that reads "Elisa Mari". Below the signature, the text "Elisa Mari for" is printed in a smaller, blue, sans-serif font.

Jeanne Spencer
President

RESERVOIRS ENVIRONMENTAL INC.

AIHA Certificate of Accreditation #480, Lab ID 101533

TABLE: FIBER COUNT ANALYSIS IN AIR

RES Job Number: **RES 402603-1**
 Client: **Foothills Environmental, Inc. (Lakewood)**
 Client Project Number / P.O.: **COLO103-0305**
 Client Project Description: **None Given**
 Date Samples Received: **March 05, 2018**
 Method: **REI-SOP Fibers in Air / NIOSH 7400A**
 Turnaround: **2 Hour**
 Date Samples Analyzed: **March 05, 2018**

Client ID Number	Lab ID Number	Air Volume Sampled (L)	Fields Analyzed	Fiber Count	Reporting Limit (F/mm ²)	Fiber Density (F/mm ²)	Reporting Limit (F/cc)	Fiber Concentration (F/cc)
COLO103-0305-B01	EM 2037213	0	100	0	7.01	BRL	---	---
COLO103-0305-B02	EM 2037214	0	100	0	7.01	BRL	---	---
COLO103-0305-F01	EM 2037215	1449.95	100	7	7.01	8.92	0.002	0.002
COLO103-0305-F02	EM 2037216	1195.52	100	2.5	7.01	BRL	0.002	BRL

* Unless otherwise stated sample analyses have been blank corrected.
 ND= None Detected

BRL = Below Reporting Limit
 CBR = Cannot Be Read

Laboratory Quarterly Coefficient Variation (CV) by Fiber Count Range -October 1, 2017 - December 31, 2017

5-20 CV = 0.22

>20-50 CV = 0.16

>50-100 CV = 0.08



Jeff Green

Analyst / Data QA

Due Date: 3/5/18
 Due Time: 5:30 PM

REILAB Reservoirs Environmental, Inc.
 5801 Logan St Denver, CO 80216 • Ph: 303 964-1886 • Fax 303-477-4275 • Toll Free 866 RESERVE

Job #

RES 402603

INVOICE TO: (IF DIFFERENT)

Company: Foothills Environmental
 Address: 11099 W. 8th Ave
Lakewood, CO 80215

CONTACT INFORMATION:

Contact: Nic Vasquez
 Phone: _____
 Fax: _____
 Cell/pager: _____

Project Number and/or P.O. #: Colo.103 - 0305

Final Data Deliverable Email Address: nic@foothillsusa.com

dylan@foothillsusa.com

Client sample ID number (Sample ID's must be unique)	ASBESTOS LABORATORY HOURS: Weekdays: 7am - 7pm & Sat. 8am - 5pm		REQUESTED ANALYSIS		VALID MATRIX CODES		LAB NOTES:
	PLM / PCM / TEM	Priority (Next Day) / STANDARD (3-5 Day)	ORGANICS - Analyte(s)	MICROBIOLOGY	Air = A	Bulk = B	
1	COL0103-0305-301		RCRA 8, TCLP, Welding Fume, Metals Scan, pH	Legionella: +/- or Quantification Bacteria, Fungal, +/- or Quantification Microbial Growth: Aerobic Plate Count ID, Y & M or E.coli and/or Coliforms: +/- or Quantification State Water (Please Circle One) Yes / No	Dust = D Soil = S Wipe = W		
2	COL0103-0305-302		TEM - AHERA, Level II, 7402, ISO, +/- (Air, Bulk or Dust), Quant, Semi-Quant, Micro-vac, ISO-Indirect Preps	Pathogens: Aerobic Plate Count, Salmonella, E.coli O157:H7, Listeria, S. aureus, Campylobacter, +/- or Quantification	Swab = SW Drinking Water = DW Waste Water = WW		
3	COL0103-0305-301		PCM - 7400A, 7400B, OSHA	Other: Bioburden, LAL or Environmental Mold: Spore Trap or Bulk: +/-, Identification, Quantification, Viable or Non-Viable			
4	COL0103-0305-302		DUST - Total, Respirable	Other: Bioburden, LAL or Environmental Mold: Spore Trap or Bulk: +/-, Identification, Quantification, Viable or Non-Viable			
5			PLM - Short report, Point Count, Long report, Qualitative	Other: Bioburden, LAL or Environmental Mold: Spore Trap or Bulk: +/-, Identification, Quantification, Viable or Non-Viable			
6			RCRA 8, TCLP, Welding Fume, Metals Scan, pH	Other: Bioburden, LAL or Environmental Mold: Spore Trap or Bulk: +/-, Identification, Quantification, Viable or Non-Viable			
7			TEM - AHERA, Level II, 7402, ISO, +/- (Air, Bulk or Dust), Quant, Semi-Quant, Micro-vac, ISO-Indirect Preps	Other: Bioburden, LAL or Environmental Mold: Spore Trap or Bulk: +/-, Identification, Quantification, Viable or Non-Viable			
8			PCM - 7400A, 7400B, OSHA	Other: Bioburden, LAL or Environmental Mold: Spore Trap or Bulk: +/-, Identification, Quantification, Viable or Non-Viable			
9			DUST - Total, Respirable	Other: Bioburden, LAL or Environmental Mold: Spore Trap or Bulk: +/-, Identification, Quantification, Viable or Non-Viable			
10			PLM - Short report, Point Count, Long report, Qualitative	Other: Bioburden, LAL or Environmental Mold: Spore Trap or Bulk: +/-, Identification, Quantification, Viable or Non-Viable			

Number of samples received: 4 (Additional samples shall be listed on attached long form.)

NOTE: REI will analyze incoming samples based upon information received and will not be responsible for errors or omissions in calculations resulting from the inaccuracy of original data. By signing client/company representative agrees that submission of the following samples for requested analysis as indicated on this Chain of Custody shall constitute an analytical services agreement with payment terms of NET 30 days. Failure to comply with payment terms may result in a 1.5% monthly interest surcharge.

Relinquished By: Dylan Hearn Date/Time: 3-5-18 5:30 PM

Laboratory Use Only: Janelle Mard Date/Time: 3/5/18 5:30

Carrier: Hand / FedEx / UPS / USPS / Drop Box / Courier

Contact	Phone	Email	Fax	Initials	Date	Time
Contact	Phone	Email	Fax	Initials	Date	Time

Sample Condition: On Ice Yes / No _____ Sealed Yes / No _____ Intact Yes / No _____

Temp. (F°) _____



March 5, 2018

Subcontract Number: NA
Laboratory Report: RES 402587-1
Project # / P.O. # Colo 102-Unit 217
Project Description: None Given

Nic Vasquez
Foothills Environmental, Inc. (Lakewood)
11099 W. 8th Avenue
Lakewood CO 80215

Dear Customer,

Reservoirs Environmental, Inc. is an analytical laboratory accredited for the analysis of Industrial Hygiene and Environmental matrices by the National Voluntary Laboratory Accreditation Program (NVLAP), Lab Code 101896-0 for Transmission Electron Microscopy (TEM) and Polarized Light Microscopy (PLM) analysis and the American Industrial Hygiene Association (AIHA), Lab ID 101533 - Accreditation Certificate #480 for Phase Contrast Microscopy (PCM) analysis. This laboratory is currently proficient in both Proficiency Testing and PAT programs respectively.

Reservoirs Environmental, Inc. has analyzed the following samples for asbestos content as per your request. The analysis has been completed in general accordance with the appropriate methodology as stated in the attached analysis table. The results have been submitted to your office.

RES 402587-1 is the job number assigned to this study. This report is considered highly confidential and the sole property of the customer. Reservoirs Environmental, Inc. will not discuss any part of this study with personnel other than those of the client. The results described in this report only apply to the samples analyzed. This report must not be used to claim endorsement of products or analytical results by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without written approval from Reservoirs Environmental, Inc. Samples will be disposed of after sixty days unless longer storage is requested. If you have any questions about this report, please feel free to call 303-964-1986.

Sincerely,

A handwritten signature in blue ink that reads "Charlene Martel". Below the signature, the name "Charlene Martel" is printed in a small, blue, sans-serif font.

Charlene Martel for

Jeanne Spencer
President

RESERVOIRS ENVIRONMENTAL INC.

AIHA Certificate of Accreditation #480, Lab ID 101533

TABLE: FIBER COUNT ANALYSIS IN AIR

RES Job Number: **RES 402587-1**
 Client: **Foothills Environmental, Inc. (Lakewood)**
 Client Project Number / P.O.: **Colo 102-Unit 217**
 Client Project Description: **None Given**
 Date Samples Received: **March 05, 2018**
 Method: **REI-SOP Fibers in Air / NIOSH 7400A**
 Turnaround: **2 Hour**
 Date Samples Analyzed: **March 05, 2018**

Client ID Number	Lab ID Number	Air Volume Sampled (L)	Fields Analyzed	Fiber Count	Reporting Limit (F/mm ²)	Fiber Density (F/mm ²)	Reporting Limit (F/cc)	Fiber Concentration (F/cc)
Colo102-0305-B01	EM 2037019	0	100	0	7.01	BRL	---	---
Colo102-0305-B02	EM 2037020	0	100	0	7.01	BRL	---	---
Colo102-0305-F01	EM 2037021	1477.21	100	6.5	7.01	8.28	0.002	0.002
Colo102-0305-F02	EM 2037022	1438.67	100	4	7.01	BRL	0.002	BRL

* Unless otherwise stated sample analyses have been blank corrected.
 ND= None Detected

BRL = Below Reporting Limit
 CBR = Cannot Be Read

Laboratory Quarterly Coefficient Variation (CV) by Fiber Count Range -October 1, 2017 - December 31, 2017

5-20 CV = 0.22

>20-50 CV = 0.16

>50-100 CV = 0.08



Amy Mitschele

Analyst / Data QA

Due Date: 3-5-18
 Due Time: _____



Reservoirs Environmental, Inc.

5801 Logan St. Denver, CO 80216 • P: 303 964-1986 • Fax: 303-477-4275 • Toll Free 866 RESENV

RES 402587

After Hours Call Phone: 720-339-9228

INVOICE TO: (IF DIFFERENT)

CONTACT INFORMATION:

Company: Foothills Environmental
 Address: 11099 W. 8th Avenue
Lakewood, CO 80215

Contact: Nic Vesquez
 Phone: _____
 Fax: _____

Contact: Dylan Here
 Phone: 303-928-0418
 Fax: _____

Project Number and/or P.O. #: Colo 102 - Unit 217
 Project Description/Location: _____

Final Data Deliverable Email Address: nic@foothillsusa.com

Call/pager: _____
dylan@foothillsusa.com

SUBMITTED BY:

ASBESTOS LABORATORY HOURS: Weekdays: 7am - 7pm & Sat. 8am - 5pm
 PLM / PCM / TEM RUSH (Same Day) PRIORITY (Next Day) STANDARD (3-5 Day)
 (Rush PCM = 2hr, TEM = 6hr.)

CHEMISTRY LABORATORY HOURS: Weekdays: 8am - 5pm
 Metal(s) / Dust** RUSH 24 hr. 3-5 Day
 RCRA 8 / Metals & Welding RUSH (3 Day) 5 Day 10 Day
 Fume Scan / TCLP** 24 hr. 3 day 5 Day

ORGANISMS - METH, TSS
 E.coli and/or Coliforms* 24-48 Hour Other: _____
 Pathogens* 24-48 Hour
 Microbial Growth* 5-10 Day *TAT dependent on speed of microbial growth.*
 Legionella 10 Day
 Mold RUSH 24 Hr 48 Hr 3 Day 5 Day

Turnaround times establish a laboratory priority, subject to laboratory volume and are not guaranteed. Additional fees apply for afterhours, weekends and holidays.

Special Instructions: _____

REQUESTED ANALYSIS

PLM - Short report, Point Count, Long report, Qualitative
TEM - AHERA, Level II, 7402, ISO, +/- (Air, Bulk or Dust), Quant, Semi-Quant, Micro-vac, ISO-Indirect Preps
PCM - 7400A, 7400B, OSHA **DUST** - Total, Respirable
METALS - Analyte(s) _____
 RCRA 8, TCLP, Welding Fume, Metals Scan, pH
ORGANISMS - METH, TSS
 P157:H7, Listeria, S.aureus, Campylobacter, E.coli Quantification
 E.coli and/or Coliforms: +/- or Quantification
 State Water (Please Circle One) Yes / No
Microbial Growth: Aerobic Plate Count ID, Y & M or Bacteria, Fungal, +/- or Quantification
 Legionella: +/- or Quantification
 Other: Bioburden, LAL or Environmental Mould: Spore Trap or Bulk: +/-, Identification, Quantification, Viable or Non-Viable

SAMPLERS' INITIALS OR OTHER NOTES:

VALID MATRIX CODES	LAB NOTES:
Air = A	Bulk = B
Dust = D	Paint = P
Soil = S	Wipe = W
Swab = SW	F = Food
Drinking Water = DW	Waste Water = WW
O = Other	
ASTM E1792 approved wipe media only	

Client sample ID number	(Sample ID's must be unique)	PLM / PCM / TEM	Matrix Code	Date Collected	Time Collected	EM Number
1	Colo 102 - 0305 - B01		A			2037019
2	Colo 102 - 0305 - B02					20
3	Colo 102 - 0305 - FFD1					1
4	Colo 102 - 0305 - F02					2
5						
6						
7						
8						
9						
10						

Number of samples received: 4

(Additional samples shall be listed on attached long form.)

NOTE: REI will analyze incoming samples based upon information received and will not be responsible for errors or omissions in calculations resulting from the inaccuracy of original data. By signing client/company representative agrees that submission of the following samples for requested analysis as indicated on this Chain of Custody shall constitute an analytical services agreement with payment terms of NET 30 days. Failure to comply with payment terms may result in a 1.5% monthly interest surcharge.

Relinquished By:	Date	Time	Carrier:	Date/Time:	Hand	FedEx / UPS / USPS / Drop	Sealed	On Ice	Intact
<u>Dylan Here</u>				<u>3:51E</u>	<u>4 PM</u>	<u>Box / Courier</u>	Yes / No	Yes / No	Yes / No
Received By: <u>Mark</u>									
Data Entry Contact	Phone Email Fax	Date	Time	Initials					
QA Contact	Phone Email Fax	Date	Time	Initials					



March 5, 2018

Subcontract Number: NA
Laboratory Report: RES 402586-1
Project # / P.O. # AS18049
Project Description: Colonial Manor Unit 218

Nic Vasquez
Foothills Environmental, Inc. (Lakewood)
11099 W. 8th Avenue
Lakewood CO 80215

Dear Customer,

Reservoirs Environmental, Inc. is an analytical laboratory accredited for the analysis of Industrial Hygiene and Environmental matrices by the National Voluntary Laboratory Accreditation Program (NVLAP), Lab Code 101896-0 for Transmission Electron Microscopy (TEM) and Polarized Light Microscopy (PLM) analysis and the American Industrial Hygiene Association (AIHA), Lab ID 101533 - Accreditation Certificate #480 for Phase Contrast Microscopy (PCM) analysis. This laboratory is currently proficient in both Proficiency Testing and PAT programs respectively.

Reservoirs Environmental, Inc. has analyzed the following samples for asbestos content as per your request. The analysis has been completed in general accordance with the appropriate methodology as stated in the attached analysis table. The results have been submitted to your office.

RES 402586-1 is the job number assigned to this study. This report is considered highly confidential and the sole property of the customer. Reservoirs Environmental, Inc. will not discuss any part of this study with personnel other than those of the client. The results described in this report only apply to the samples analyzed. This report must not be used to claim endorsement of products or analytical results by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without written approval from Reservoirs Environmental, Inc. Samples will be disposed of after sixty days unless longer storage is requested. If you have any questions about this report, please feel free to call 303-964-1986.

Sincerely,

A handwritten signature in blue ink that reads "Cherele Marie". Below the signature, the name "Cherele Marie" is printed in a small, blue, sans-serif font.

Jeanne Spencer
President

RESERVOIRS ENVIRONMENTAL INC.

AIHA Certificate of Accreditation #480, Lab ID 101533

TABLE: FIBER COUNT ANALYSIS IN AIR

RES Job Number: **RES 402586-1**
 Client: **Foothills Environmental, Inc. (Lakewood)**
 Client Project Number / P.O.: **AS18049**
 Client Project Description: **Colonial Manor Unit 218**
 Date Samples Received: **March 05, 2018**
 Method: **REI-SOP Fibers in Air / NIOSH 7400A**
 Turnaround: **2 Hour**
 Date Samples Analyzed: **March 05, 2018**

Client ID Number	Lab ID Number	Air Volume Sampled (L)	Fields Analyzed	Fiber Count	Reporting Limit (F/mm ²)	Fiber Density (F/mm ²)	Reporting Limit (F/cc)	Fiber Concentration (F/cc)
COLO101-0305-B01	EM 2037015	0	100	0	7.01	BRL	---	---
COLO101-0305-B02	EM 2037016	0	100	0	7.01	BRL	---	---
COLO101-0305-F01	EM 2037017	1585.2	100	5	7.01	BRL	0.002	BRL
COLO101-0305-F02	EM 2037018	1708.6	100	5	7.01	BRL	0.002	BRL

* Unless otherwise stated sample analyses have been blank corrected.
 ND= None Detected

BRL = Below Reporting Limit
 CBR = Cannot Be Read

Laboratory Quarterly Coefficient Variation (CV) by Fiber Count Range -October 1, 2017 - December 31, 2017

5-20 CV = 0.22

>20-50 CV = 0.16

>50-100 CV = 0.08



Amy Mitschele

Analyst / Data QA

Due Date: 3.5.18
 Due Time:



Reservoirs Environmental, Inc.
 5801 Logan St. Denver, CO 80216 • Ph: 303.964.1986 • Fax 303.477.4275 • Toll Free 866.RESHENV

RES 402586

After Hours Cell Phone: 720-339-9228

INVOICE TO: (IF DIFFERENT)

CONTACT INFORMATION:

Company: **FOOTHILLS ENVIRO**
 Address: **11099 W 8TH AVE LAKENOOD, CO**
 Project Number and/or P.O.#: **8AS18049**
 Project Description/Location: **COLONIAL MANOR UNIT 218**

Company: **NIC VASQUEZ**
 Address: **303 960 4572**
 Final Data Deliverable Email Address: **NIC@FOOTHILLSUSA.COM & DYLAN@FOOTHILLSUSA.COM**

Contact: _____
 Phone: _____
 Fax: _____
 Cell/pager: _____

ASBESTOS LABORATORY HOURS: Weekdays: 7am - 7pm & Sat. 8am - 5pm	VALID MATRIX CODES	LAB NOTES:
PLM (PCM)/TEM <input checked="" type="checkbox"/> RUSH (Same Day) <input type="checkbox"/> PRIORITY (Next Day) <input type="checkbox"/> STANDARD (3-5 Day) (Rush PCM = 2hr, TEM = 6hr.)	Air = A Bulk = B Dust = D Paint = P Soil = S Wipe = W Swab = SW F = Food Drinking Water = DW Waste Water = WW O = Other **ASTM E1792 approved wipe media only**	

CHEMISTRY LABORATORY HOURS: Weekdays: 8am - 5pm	REQUESTED ANALYSIS	SAMPLER'S INITIALS OR OTHER NOTES:
Metal(s) / Dust** RCRA 8 / Metals & Welding Fume Scan / TCLP** Organics 24 hr. 24 hr. 3 day 5 Day	Microbiology E.coli and/or Coliforms* Pathogens* Legionella Mold Other: _____ *TAT dependent on speed of microbial growth.*	

MICROBIOLOGY LABORATORY HOURS: Weekdays: 9am - 6pm	METALS - Analyte(s)	ORGANICS - METH, TSS
E.coli and/or Coliforms* Pathogens* Legionella Mold RUSH 24 Hr 48 Hr 3 Day 5 Day *Turnaround times establish a laboratory priority, subject to laboratory volume and are not guaranteed. Additional fees apply for afterhours, weekends and holidays.**	RCRA 8, TCLP, Welding Fume, Metals Scan, pH DUST - Total, Respirable PCM - 7400A, 7400B, OSHA TEM - AHERA, Level II, 7402, ISO, +/- (Air, Bulk or Dust), Quant, Semi-Quant, Micro-vac, ISO-Indirect Preps	

MICROBIOLOGY LABORATORY HOURS: Weekdays: 9am - 6pm	METALS - Analyte(s)	ORGANICS - METH, TSS
E.coli and/or Coliforms* Pathogens* Legionella Mold RUSH 24 Hr 48 Hr 3 Day 5 Day *Turnaround times establish a laboratory priority, subject to laboratory volume and are not guaranteed. Additional fees apply for afterhours, weekends and holidays.**	RCRA 8, TCLP, Welding Fume, Metals Scan, pH DUST - Total, Respirable PCM - 7400A, 7400B, OSHA TEM - AHERA, Level II, 7402, ISO, +/- (Air, Bulk or Dust), Quant, Semi-Quant, Micro-vac, ISO-Indirect Preps	

MICROBIOLOGY LABORATORY HOURS: Weekdays: 9am - 6pm	METALS - Analyte(s)	ORGANICS - METH, TSS
E.coli and/or Coliforms* Pathogens* Legionella Mold RUSH 24 Hr 48 Hr 3 Day 5 Day *Turnaround times establish a laboratory priority, subject to laboratory volume and are not guaranteed. Additional fees apply for afterhours, weekends and holidays.**	RCRA 8, TCLP, Welding Fume, Metals Scan, pH DUST - Total, Respirable PCM - 7400A, 7400B, OSHA TEM - AHERA, Level II, 7402, ISO, +/- (Air, Bulk or Dust), Quant, Semi-Quant, Micro-vac, ISO-Indirect Preps	

MICROBIOLOGY LABORATORY HOURS: Weekdays: 9am - 6pm	METALS - Analyte(s)	ORGANICS - METH, TSS
E.coli and/or Coliforms* Pathogens* Legionella Mold RUSH 24 Hr 48 Hr 3 Day 5 Day *Turnaround times establish a laboratory priority, subject to laboratory volume and are not guaranteed. Additional fees apply for afterhours, weekends and holidays.**	RCRA 8, TCLP, Welding Fume, Metals Scan, pH DUST - Total, Respirable PCM - 7400A, 7400B, OSHA TEM - AHERA, Level II, 7402, ISO, +/- (Air, Bulk or Dust), Quant, Semi-Quant, Micro-vac, ISO-Indirect Preps	

MICROBIOLOGY LABORATORY HOURS: Weekdays: 9am - 6pm	METALS - Analyte(s)	ORGANICS - METH, TSS
E.coli and/or Coliforms* Pathogens* Legionella Mold RUSH 24 Hr 48 Hr 3 Day 5 Day *Turnaround times establish a laboratory priority, subject to laboratory volume and are not guaranteed. Additional fees apply for afterhours, weekends and holidays.**	RCRA 8, TCLP, Welding Fume, Metals Scan, pH DUST - Total, Respirable PCM - 7400A, 7400B, OSHA TEM - AHERA, Level II, 7402, ISO, +/- (Air, Bulk or Dust), Quant, Semi-Quant, Micro-vac, ISO-Indirect Preps	

MICROBIOLOGY LABORATORY HOURS: Weekdays: 9am - 6pm	METALS - Analyte(s)	ORGANICS - METH, TSS
E.coli and/or Coliforms* Pathogens* Legionella Mold RUSH 24 Hr 48 Hr 3 Day 5 Day *Turnaround times establish a laboratory priority, subject to laboratory volume and are not guaranteed. Additional fees apply for afterhours, weekends and holidays.**	RCRA 8, TCLP, Welding Fume, Metals Scan, pH DUST - Total, Respirable PCM - 7400A, 7400B, OSHA TEM - AHERA, Level II, 7402, ISO, +/- (Air, Bulk or Dust), Quant, Semi-Quant, Micro-vac, ISO-Indirect Preps	

MICROBIOLOGY LABORATORY HOURS: Weekdays: 9am - 6pm	METALS - Analyte(s)	ORGANICS - METH, TSS
E.coli and/or Coliforms* Pathogens* Legionella Mold RUSH 24 Hr 48 Hr 3 Day 5 Day *Turnaround times establish a laboratory priority, subject to laboratory volume and are not guaranteed. Additional fees apply for afterhours, weekends and holidays.**	RCRA 8, TCLP, Welding Fume, Metals Scan, pH DUST - Total, Respirable PCM - 7400A, 7400B, OSHA TEM - AHERA, Level II, 7402, ISO, +/- (Air, Bulk or Dust), Quant, Semi-Quant, Micro-vac, ISO-Indirect Preps	

MICROBIOLOGY LABORATORY HOURS: Weekdays: 9am - 6pm	METALS - Analyte(s)	ORGANICS - METH, TSS
E.coli and/or Coliforms* Pathogens* Legionella Mold RUSH 24 Hr 48 Hr 3 Day 5 Day *Turnaround times establish a laboratory priority, subject to laboratory volume and are not guaranteed. Additional fees apply for afterhours, weekends and holidays.**	RCRA 8, TCLP, Welding Fume, Metals Scan, pH DUST - Total, Respirable PCM - 7400A, 7400B, OSHA TEM - AHERA, Level II, 7402, ISO, +/- (Air, Bulk or Dust), Quant, Semi-Quant, Micro-vac, ISO-Indirect Preps	

MICROBIOLOGY LABORATORY HOURS: Weekdays: 9am - 6pm	METALS - Analyte(s)	ORGANICS - METH, TSS
E.coli and/or Coliforms* Pathogens* Legionella Mold RUSH 24 Hr 48 Hr 3 Day 5 Day *Turnaround times establish a laboratory priority, subject to laboratory volume and are not guaranteed. Additional fees apply for afterhours, weekends and holidays.**	RCRA 8, TCLP, Welding Fume, Metals Scan, pH DUST - Total, Respirable PCM - 7400A, 7400B, OSHA TEM - AHERA, Level II, 7402, ISO, +/- (Air, Bulk or Dust), Quant, Semi-Quant, Micro-vac, ISO-Indirect Preps	

MICROBIOLOGY LABORATORY HOURS: Weekdays: 9am - 6pm	METALS - Analyte(s)	ORGANICS - METH, TSS
E.coli and/or Coliforms* Pathogens* Legionella Mold RUSH 24 Hr 48 Hr 3 Day 5 Day *Turnaround times establish a laboratory priority, subject to laboratory volume and are not guaranteed. Additional fees apply for afterhours, weekends and holidays.**	RCRA 8, TCLP, Welding Fume, Metals Scan, pH DUST - Total, Respirable PCM - 7400A, 7400B, OSHA TEM - AHERA, Level II, 7402, ISO, +/- (Air, Bulk or Dust), Quant, Semi-Quant, Micro-vac, ISO-Indirect Preps	

MICROBIOLOGY LABORATORY HOURS: Weekdays: 9am - 6pm	METALS - Analyte(s)	ORGANICS - METH, TSS
E.coli and/or Coliforms* Pathogens* Legionella Mold RUSH 24 Hr 48 Hr 3 Day 5 Day *Turnaround times establish a laboratory priority, subject to laboratory volume and are not guaranteed. Additional fees apply for afterhours, weekends and holidays.**	RCRA 8, TCLP, Welding Fume, Metals Scan, pH DUST - Total, Respirable PCM - 7400A, 7400B, OSHA TEM - AHERA, Level II, 7402, ISO, +/- (Air, Bulk or Dust), Quant, Semi-Quant, Micro-vac, ISO-Indirect Preps	

MICROBIOLOGY LABORATORY HOURS: Weekdays: 9am - 6pm	METALS - Analyte(s)	ORGANICS - METH, TSS
E.coli and/or Coliforms* Pathogens* Legionella Mold RUSH 24 Hr 48 Hr 3 Day 5 Day *Turnaround times establish a laboratory priority, subject to laboratory volume and are not guaranteed. Additional fees apply for afterhours, weekends and holidays.**	RCRA 8, TCLP, Welding Fume, Metals Scan, pH DUST - Total, Respirable PCM - 7400A, 7400B, OSHA TEM - AHERA, Level II, 7402, ISO, +/- (Air, Bulk or Dust), Quant, Semi-Quant, Micro-vac, ISO-Indirect Preps	

MICROBIOLOGY LABORATORY HOURS: Weekdays: 9am - 6pm	METALS - Analyte(s)	ORGANICS - METH, TSS
E.coli and/or Coliforms* Pathogens* Legionella Mold RUSH 24 Hr 48 Hr 3 Day 5 Day *Turnaround times establish a laboratory priority, subject to laboratory volume and are not guaranteed. Additional fees apply for afterhours, weekends and holidays.**	RCRA 8, TCLP, Welding Fume, Metals Scan, pH DUST - Total, Respirable PCM - 7400A, 7400B, OSHA TEM - AHERA, Level II, 7402, ISO, +/- (Air, Bulk or Dust), Quant, Semi-Quant, Micro-vac, ISO-Indirect Preps	

Number of samples received: **4** (Additional samples shall be listed on attached long form.)
 NOTE: REI will analyze incoming samples based upon information received and will not be responsible for errors or omissions in calculations resulting from the inaccuracy of original data. By signing client/company representative agrees that submission of the following samples for requested analysis as indicated on this Chain of Custody shall constitute an analytical services agreement with payment terms of NET 30 days. Failure to comply with payment terms may result in a 1.5% monthly interest surcharge.

Relinquished By: *[Signature]* Date/Time: **3.5.18 3:50** Carrier: **Hand / FedEx / UPS / USPS / Drop Box / Courier**

Received By: *[Signature]* Date/Time: **3.5.18 3:50**

Sample Condition:	On Ice	Sealed	Intact
Temp. (F°)	Yes / No	Yes / No	Yes / No

Date Entry	Contact	Phone	Email	Fax	Date	Time	Initials



March 7, 2018

Subcontract Number: NA
Laboratory Report: RES 402772-1
Project # / P.O. # AS18049
Project Description: Colonial Motel Phase 7

Andrew Castano
Foothills Environmental, Inc. (Lakewood)
11099 W. 8th Avenue
Lakewood CO 80215

Dear Customer,

Reservoirs Environmental, Inc. is an analytical laboratory accredited for the analysis of Industrial Hygiene and Environmental matrices by the National Voluntary Laboratory Accreditation Program (NVLAP), Lab Code 101896-0 for Transmission Electron Microscopy (TEM) and Polarized Light Microscopy (PLM) analysis and the American Industrial Hygiene Association (AIHA), Lab ID 101533 - Accreditation Certificate #480 for Phase Contrast Microscopy (PCM) analysis. This laboratory is currently proficient in both Proficiency Testing and PAT programs respectively.

Reservoirs Environmental, Inc. has analyzed the following samples for asbestos content as per your request. The analysis has been completed in general accordance with the appropriate methodology as stated in the attached analysis table. The results have been submitted to your office.

RES 402772-1 is the job number assigned to this study. This report is considered highly confidential and the sole property of the customer. Reservoirs Environmental, Inc. will not discuss any part of this study with personnel other than those of the client. The results described in this report only apply to the samples analyzed. This report must not be used to claim endorsement of products or analytical results by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without written approval from Reservoirs Environmental, Inc. Samples will be disposed of after sixty days unless longer storage is requested. If you have any questions about this report, please feel free to call 303-964-1986.

Sincerely,

A handwritten signature in blue ink that reads "Elisa Mari". Below the signature, the text "Elisa Mari for" is printed in a smaller, blue, sans-serif font.

Jeanne Spencer
President

RESERVOIRS ENVIRONMENTAL INC.

AIHA Certificate of Accreditation #480, Lab ID 101533

TABLE: FIBER COUNT ANALYSIS IN AIR

RES Job Number: **RES 402772-1**
 Client: **Foothills Environmental, Inc. (Lakewood)**
 Client Project Number / P.O.: **AS18049**
 Client Project Description: **Colonial Motel Phase 7**
 Date Samples Received: **March 07, 2018**
 Method: **REI-SOP Fibers in Air / NIOSH 7400A**
 Turnaround: **2 Hour**
 Date Samples Analyzed: **March 07, 2018**

Client ID Number	Lab ID Number	Air Volume Sampled (L)	Fields Analyzed	Fiber Count	Reporting Limit (F/mm ²)	Fiber Density (F/mm ²)	Reporting Limit (F/cc)	Fiber Concentration (F/cc)
COLO-0307-B01	EM 2038880	0	100	0	7.01	BRL	---	---
COLO-0307-B02	EM 2038881	0	100	0	7.01	BRL	---	---
COLO-0307-F01	EM 2038882	1374.8	100	9.5	7.01	12.1	0.002	0.003
COLO-0307-F02	EM 2038883	1375.2	100	4.5	7.01	BRL	0.002	BRL
COLO-0307-F03	EM 2038884	1309.6	100	5	7.01	BRL	0.002	BRL
COLO-0307-F04	EM 2038885	1391.1	100	6.5	7.01	8.28	0.002	0.002
COLO-0307-F05	EM 2038886	1333.7	100	7.5	7.01	9.55	0.002	0.003

* Unless otherwise stated sample analyses have been blank corrected.
 ND= None Detected

BRL = Below Reporting Limit
 CBR = Cannot Be Read

Laboratory Quarterly Coefficient Variation (CV) by Fiber Count Range -October 1, 2017 - December 31, 2017

5-20 CV = 0.22

>20-50 CV = 0.16

>50-100 CV = 0.08



Amy Mitschele

Analyst / Data QA



March 12, 2018

Subcontract Number: NA
Laboratory Report: RES 403186-1
Project # / P.O. # AS18049
Project Description: Colonial Manor Phase II

Andrew Castano
Foothills Environmental, Inc. (Lakewood)
11099 W. 8th Avenue
Lakewood CO 80215

Dear Customer,

Reservoirs Environmental, Inc. is an analytical laboratory accredited for the analysis of Industrial Hygiene and Environmental matrices by the National Voluntary Laboratory Accreditation Program (NVLAP), Lab Code 101896-0 for Transmission Electron Microscopy (TEM) and Polarized Light Microscopy (PLM) analysis and the American Industrial Hygiene Association (AIHA), Lab ID 101533 - Accreditation Certificate #480 for Phase Contrast Microscopy (PCM) analysis. This laboratory is currently proficient in both Proficiency Testing and PAT programs respectively.

Reservoirs Environmental, Inc. has analyzed the following samples for asbestos content as per your request. The analysis has been completed in general accordance with the appropriate methodology as stated in the attached analysis table. The results have been submitted to your office.

RES 403186-1 is the job number assigned to this study. This report is considered highly confidential and the sole property of the customer. Reservoirs Environmental, Inc. will not discuss any part of this study with personnel other than those of the client. The results described in this report only apply to the samples analyzed. This report must not be used to claim endorsement of products or analytical results by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without written approval from Reservoirs Environmental, Inc. Samples will be disposed of after sixty days unless longer storage is requested. If you have any questions about this report, please feel free to call 303-964-1986.

Sincerely,

A handwritten signature in blue ink that reads "Charlene Martel". Below the signature, the name "Charlene Martel" is printed in a small, blue, sans-serif font.

Jeanne Spencer
President

RESERVOIRS ENVIRONMENTAL INC.

AIHA Certificate of Accreditation #480, Lab ID 101533

TABLE: FIBER COUNT ANALYSIS IN AIR

RES Job Number: **RES 403186-1**
 Client: **Foothills Environmental, Inc. (Lakewood)**
 Client Project Number / P.O.: **AS18049**
 Client Project Description: **Colonial Manor Phase II**
 Date Samples Received: **March 12, 2018**
 Method: **REI-SOP Fibers in Air / NIOSH 7400A**
 Turnaround: **2 Hour**
 Date Samples Analyzed: **March 12, 2018**

Client ID Number	Lab ID Number	Air Volume Sampled (L)	Fields Analyzed	Fiber Count	Reporting Limit (F/mm ²)	Fiber Density (F/mm ²)	Reporting Limit (F/cc)	Fiber Concentration (F/cc)
COLOII-0312-B01	EM 2042302	0	100	0	7.01	BRL	---	---
COLOII-0312-B02	EM 2042303	0	100	0	7.01	BRL	---	---
COLOII-0312-F01	EM 2042304	1469.2	100	12.5	7.01	15.92	0.002	0.004
COLOII-0312-F02	EM 2042305	1401.4	100	5.5	7.01	7.01	0.002	0.002
COLOII-0312-F03	EM 2042306	1418.7	100	8	7.01	10.19	0.002	0.003
COLOII-0312-F04	EM 2042307	1383.1	100	3.5	7.01	BRL	0.002	BRL
COLOII-0312-F05	EM 2042308	1327.6	100	1.5	7.01	BRL	0.002	BRL

* Unless otherwise stated sample analyses have been blank corrected.
 ND= None Detected

BRL = Below Reporting Limit
 CBR = Cannot Be Read

Laboratory Quarterly Coefficient Variation (CV) by Fiber Count Range -October 1, 2017 - December 31, 2017

5-20 CV = 0.22

>20-50 CV = 0.16

>50-100 CV = 0.08



Amy Mitschele

Analyst / Data QA

Due Date: 3/12/18
Due Time:

RES 403186

REILAB Reservoirs Environmental, Inc.
5801 Logan St. Denver, CO 80216 • Ph: 303 964-1986 • Fax 303-477-4275 • Toll Free: 866 RES-ENV

After Hours Cell Phone: 720-339-9228

INVOICE TO: (IF DIFFERENT)

Company: **FootHills Environmental Inc**
Address: **11029 W. 8th Ave Lakewood**
Project Number and/or P.O. #: **AS18049**
Project Description/Location: **Colonial Manor phase II**

Company: **Andrew Castano**
Phone: **954 600 6552**
Fax:
Cell/pager:
Final Data Deliverable Email Address: **acastano@foothillsusa.com**

Company: **Nic Vasquez**
Phone:
Fax:
Cell/pager:
Final Data Deliverable Email Address: **nic@foothills usa.com**

ASBESTOS LABORATORY HOURS: 7am - 7pm & Sat. 8am - 5pm

PLM / PCM TEM RUSH (Same Day) PRIORITY (Next Day) STANDARD (3-5 Day)
(Rush PCM = 2hr, TEM = 6hr.)

CHEMISTRY LABORATORY HOURS: 8am - 5pm
Metals / Dust**
RUSH 24 hr. 3-5 Day
RUSH (3 Day) 5 Day 10 Day
Fume Scan / TCLP**
24 hr. 3 day 5 Day

MICROBIOLOGY LABORATORY HOURS: 9am - 6pm
E.coli and/or Coliforms* 24-48 Hour
Pathogens* 24-48 Hour
Microbial Growth* 5-10 Day
Legionella 10 Day
Mold RUSH 24 Hr 48 Hr 3 Day 5 Day

ORGANICS - METH, TSS
RCRA 8, TCLP, Welding Fume, Metals Scan, pH

METALS - Analyte(s)
DUST - Total, Respirable
PCM - 7400A, 7400B, OSHA
Quant, Semi-Quant, Micro-vac, ISO-Indirect Preps

PLM - Short report, Point Count, Long report, Qualitative
TEM - AHERA, Level II, 7402, ISO, +/- (Air, Bulk or Dust),
Quant, Semi-Quant, Micro-vac, ISO-Indirect Preps

REQUESTED ANALYSIS

MICROBIOLOGY
Viability
R. coli and/or Coliforms: +/- or Quantification
State Water (Please Circle One) Yes / No
Bacteria, Fungal, +/- or Quantification
Legionella: +/- or Quantification
Mold: Spore Trap or Bulk: +/-, Identification, Quantification, Viable or Non-Viable
Other: Bioburden, LAL or Environmental

VALID MATRIX CODES
Air = A Bulk = B
Dust = D Paint = P
Soil = S Wipe = W
Swab = SW F = Food
Drinking Water = DW Waste Water = WW
O = Other
ASTM E1792 approved wipe media only

SAMPLER'S INITIALS OR OTHER NOTES:

LAB NOTES:

CLIENT SAMPLE ID NUMBER (Sample ID's must be unique)

EM Number (Laboratory Use Only)

PLM - Short report, Point Count, Long report, Qualitative

Microbial Growth*

Matrix Code

RCRA 8, TCLP, Welding Fume, Metals Scan, pH

Microbial Growth: Aerobic Plate Count ID, Y & M or

Date Collected mm/dd/yy

Quantification, Viable or Non-Viable

Sample Volume (L) / Area

Time Collected hh:mm alp

Quantification, Viable or Non-Viable

Sample Volume (L) / Area

Time Collected hh:mm alp

Quantification, Viable or Non-Viable

Sample Volume (L) / Area

Time Collected hh:mm alp

Quantification, Viable or Non-Viable

Sample Volume (L) / Area

Time Collected hh:mm alp

Quantification, Viable or Non-Viable

Sample Volume (L) / Area

Time Collected hh:mm alp

Quantification, Viable or Non-Viable

Sample Volume (L) / Area

Time Collected hh:mm alp

Quantification, Viable or Non-Viable

Sample Volume (L) / Area

Time Collected hh:mm alp

Quantification, Viable or Non-Viable

Sample Volume (L) / Area

Time Collected hh:mm alp

Quantification, Viable or Non-Viable

Sample Volume (L) / Area

Time Collected hh:mm alp

Quantification, Viable or Non-Viable

Sample Volume (L) / Area

Time Collected hh:mm alp

Quantification, Viable or Non-Viable

Sample Volume (L) / Area

Time Collected hh:mm alp

Quantification, Viable or Non-Viable

Sample Volume (L) / Area

Time Collected hh:mm alp

Quantification, Viable or Non-Viable

Sample Volume (L) / Area

Time Collected hh:mm alp

Quantification, Viable or Non-Viable

Sample Volume (L) / Area

Time Collected hh:mm alp

Quantification, Viable or Non-Viable

Sample Volume (L) / Area

Time Collected hh:mm alp

Number of samples received: **7** (Additional samples shall be listed on attached long form.)
NOTE: REI will analyze incoming samples based on information received and will not be responsible for errors or omissions in calculations resulting from the inaccuracy of original data. By signing client/company representative agrees that submission of the following samples for requested analysis as indicated on this Chain of Custody shall constitute an analytical services agreement with payment terms of NET 30 days, failure to comply with payment terms may result in a 1.5% monthly interest surcharge.

Relinquished By: Andrew Castano	Date: 3/12/2018	Time: 4:37pm	Carrier: Hand	FedEx / UPS / USPS / Drop Box / Counter
Laboratory Use Only	Date: 3/12/18	Time: 4:10	Contact	Contact
Data Entry	Phone Email Fax	Time	Initials	Initials
QA:	Phone Email Fax	Time	Initials	Initials



March 14, 2018

Subcontract Number: NA
Laboratory Report: RES 403372-1
Project # / P.O. # AS18049
Project Description: COLO-0314

Dylan Heser
Foothills Environmental, Inc. (Lakewood)
11099 W. 8th Avenue
Lakewood CO 80215

Dear Customer,

Reservoirs Environmental, Inc. is an analytical laboratory accredited for the analysis of Industrial Hygiene and Environmental matrices by the National Voluntary Laboratory Accreditation Program (NVLAP), Lab Code 101896-0 for Transmission Electron Microscopy (TEM) and Polarized Light Microscopy (PLM) analysis and the American Industrial Hygiene Association (AIHA), Lab ID 101533 - Accreditation Certificate #480 for Phase Contrast Microscopy (PCM) analysis. This laboratory is currently proficient in both Proficiency Testing and PAT programs respectively.

Reservoirs Environmental, Inc. has analyzed the following samples for asbestos content as per your request. The analysis has been completed in general accordance with the appropriate methodology as stated in the attached analysis table. The results have been submitted to your office.

RES 403372-1 is the job number assigned to this study. This report is considered highly confidential and the sole property of the customer. Reservoirs Environmental, Inc. will not discuss any part of this study with personnel other than those of the client. The results described in this report only apply to the samples analyzed. This report must not be used to claim endorsement of products or analytical results by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without written approval from Reservoirs Environmental, Inc. Samples will be disposed of after sixty days unless longer storage is requested. If you have any questions about this report, please feel free to call 303-964-1986.

Sincerely,

A handwritten signature in blue ink that reads "Brett S. Colbert". Below the signature is the printed name "Brett S. Colbert" followed by the word "for" in a smaller font.

Brett S. Colbert for

Jeanne Spencer
President

RESERVOIRS ENVIRONMENTAL INC.

AIHA Certificate of Accreditation #480, Lab ID 101533

TABLE: FIBER COUNT ANALYSIS IN AIR

RES Job Number: **RES 403372-1**
 Client: **Foothills Environmental, Inc. (Lakewood)**
 Client Project Number / P.O.: **AS18049**
 Client Project Description: **COLO-0314**
 Date Samples Received: **March 14, 2018**
 Method: **REI-SOP Fibers in Air / NIOSH 7400A**
 Turnaround: **2 Hour**
 Date Samples Analyzed: **March 14, 2018**

Client ID Number	Lab ID Number	Air Volume Sampled (L)	Fields Analyzed	Fiber Count	Reporting Limit (F/mm ²)	Fiber Density (F/mm ²)	Reporting Limit (F/cc)	Fiber Concentration (F/cc)
COLO-0314-B01	EM 2043745	0	100	0	7.01	BRL	---	---
COLO-0314-B02	EM 2043746	0	100	0	7.01	BRL	---	---
COLO-0314-F01	EM 2043747	1316.1	100	76	7.01	96.82	0.002	0.028
COLO-0314-F02	EM 2043748	1239.71	100	72.5	7.01	92.36	0.002	0.029

* Unless otherwise stated sample analyses have been blank corrected.
 ND= None Detected

BRL = Below Reporting Limit
 CBR = Cannot Be Read

Laboratory Quarterly Coefficient Variation (CV) by Fiber Count Range -October 1, 2017 - December 31, 2017

5-20 CV = 0.22

>20-50 CV = 0.16

>50-100 CV = 0.08



Amy Mitschele

Analyst / Data QA

Due Date: 3/14/18
 Due Time: _____



Reservoirs Environmental, Inc.

RES 403372

5801 Logan St, Denver, CO 80216 • Ph: 303 964-1986 • Fax: 303-477-4275 • Toll Free: 866 RES-ENV
 After Hours Cell Phone: 720-339-9228

INVOICE TO: (IF DIFFERENT)

CONTACT INFORMATION:

Company: FootHills Environmental Contact: Nic Vasquez
 Address: 1109 W. 8th Ave Phone: _____
Leewood, CO 80215 Fax: _____
 Cell/pager: _____

Project Number and/or P.O. #: AS18049 Final Data Deliverable Email Address: nic@foothillsusa.com
 Project Description/Location: COLO-0314 Email: dylan@foothillsusa.com

ASBESTOS LABORATORY HOURS: Weekdays: 7am - 7pm & Sat. 8am - 5pm	REQUESTED ANALYSIS	VALID MATRIX CODES	LAB NOTES:
PLM (PCM) TEM <input checked="" type="checkbox"/> PRIORITY (Next Day) <input type="checkbox"/> STANDARD (3-5 Day) (Rush PCM = 2hr, TEM = 6hr.) CHEMISTRY LABORATORY HOURS: Weekdays: 8am - 5pm Metal(s) / Dust** <input type="checkbox"/> RUSH 24 hr. <input type="checkbox"/> 3-5 Day RCRA 8 / Metals & Welding <input type="checkbox"/> RUSH (3 Day) <input type="checkbox"/> 5 Day <input type="checkbox"/> 10 Day Fume Scan / TCLP** <input type="checkbox"/> 24 hr. <input type="checkbox"/> 3 day <input type="checkbox"/> 5 Day Organics <input type="checkbox"/> 24 hr. <input type="checkbox"/> 3 day <input type="checkbox"/> 5 Day MICROBIOLOGY LABORATORY HOURS: Weekdays: 9am - 6pm E.coli and/or Coliforms* <input type="checkbox"/> 24-48 Hour Pathogens* <input type="checkbox"/> 24-48 Hour Microbial Growth* <input type="checkbox"/> 5-10 Day Legionella <input type="checkbox"/> 10 Day Mold <input type="checkbox"/> RUSH 24 Hr. <input type="checkbox"/> 48 Hr. <input type="checkbox"/> 3 Day <input type="checkbox"/> 5 Day **Turnaround times establish a laboratory priority, subject to laboratory volume and are not guaranteed. Additional fees apply for afterhours, weekends and holidays.** Special Instructions: _____ (Sample ID's must be unique)	PLM - Short report, Point Count, Long report, Qualitative TEM - AHERA, Level II, 7402, ISO, +/- (Air, Bulk or Dust), Quant, Semi-Quant, Micro-vac, ISO-Indirect Preps PCM - 7400A, 7400B, OSHA DUST - Total, Respirable METALS - Analyte(s) _____ RCRA 8, TCLP, Welding Fume, Metals Scan, pH ORGANICS - METH, TSS Pathogens: Aerobic Plate Count, Salmonella, E. coli O157:H7, Listeria, S.aureus, Campylobacter, +/- or Quantification E. coli and/or Coliforms: +/- or Quantification State Water (Please Circle One) Yes / No Microbial Growth: Aerobic Plate Count ID, Y & M or Bacteria, Fungal, +/- or Quantification Legionella: +/- or Quantification Other: Bioterror, LAL or Environmental Mold: Spore Trap or Bulk: +/-, Identification, Quantification, Viable or Non-Viable SAMPLER'S INITIALS OR OTHER NOTES: _____	Air = A Bulk = B Dust = D Paint = P Soil = S Wipe = W Swab = SW F = Food Drinking Water = DW Waste Water = WW O = Other **ASTM E1792 approved wipe media only**	EM Number (Laboratory Use Only) <u>2043745</u>

Client sample ID number	Matrix Code	Date Collected mm/dd/yy	Time Collected hh/mm ap	EM Number (Laboratory Use Only)
1 COLO-0314-301	A	3-14-18		2043745
2 COLO-0314-B02				478
3 COLO-0314-F01				
4 COLO-0314-F02				
5				
6				
7				
8				
9				
10				

Number of samples received: 4 (Additional samples shall be listed on attached long form.)
 NOTE: REI will analyze incoming samples based upon information received and will not be responsible for errors or omissions in calculations resulting from the inaccuracy of original data. By signing client/company representative agrees that submission of the following samples for requested analysis as indicated on this Chain of Custody shall constitute an analytical services agreement with payment terms of NET 30 days, failure to comply with payment terms may result in a 1.5% monthly interest surcharge.

Relinquished By: Dylan Hester Date/Time: 3/14/18 12:50 PM
 Laboratory Use Only
 Received By: Dylan Hester Date/Time: 3/14/18 12:50 PM
 Carrier: Hand FedEx / UPS / USPS / Drop Box / Counter
 Date/Time: 3-14-18 12:50 PM
 Date Time Initials Date Time Initials
 Contact Phone Email Fax Contact Phone Email Fax
 Contact Phone Email Fax Contact Phone Email Fax



March 15, 2018

Subcontract Number: NA
Laboratory Report: RES 403541-1
Project # / P.O. # AS18049
Project Description: Colonial Manor Phase X

Foothills Environmental, Inc. (Lakewood)
11099 W. 8th Avenue
Lakewood CO 80215

Dear Customer,

Reservoirs Environmental, Inc. is an analytical laboratory accredited for the analysis of Industrial Hygiene and Environmental matrices by the National Voluntary Laboratory Accreditation Program (NVLAP), Lab Code 101896-0 for Transmission Electron Microscopy (TEM) and Polarized Light Microscopy (PLM) analysis and the American Industrial Hygiene Association (AIHA), Lab ID 101533 - Accreditation Certificate #480 for Phase Contrast Microscopy (PCM) analysis. This laboratory is currently proficient in both Proficiency Testing and PAT programs respectively.

Reservoirs Environmental, Inc. has analyzed the following samples for asbestos content as per your request. The analysis has been completed in general accordance with the appropriate methodology as stated in the attached analysis table. The results have been submitted to your office.

RES 403541-1 is the job number assigned to this study. This report is considered highly confidential and the sole property of the customer. Reservoirs Environmental, Inc. will not discuss any part of this study with personnel other than those of the client. The results described in this report only apply to the samples analyzed. This report must not be used to claim endorsement of products or analytical results by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without written approval from Reservoirs Environmental, Inc. Samples will be disposed of after sixty days unless longer storage is requested. If you have any questions about this report, please feel free to call 303-964-1986.

Sincerely,

A handwritten signature in blue ink that reads "Charlene Martel". Below the signature, the name "Charlene Martel" is printed in a small, blue, sans-serif font.

Jeanne Spencer
President

RESERVOIRS ENVIRONMENTAL INC.

AIHA Certificate of Accreditation #480, Lab ID 101533

TABLE: FIBER COUNT ANALYSIS IN AIR

RES Job Number: **RES 403541-1**
 Client: **Foothills Environmental, Inc. (Lakewood)**
 Client Project Number / P.O.: **AS18049**
 Client Project Description: **Colonial Manor Phase X**
 Date Samples Received: **March 15, 2018**
 Method: **REI-SOP Fibers in Air / NIOSH 7400A**
 Turnaround: **2 Hour**
 Date Samples Analyzed: **March 15, 2018**

Client ID Number	Lab ID Number	Air Volume Sampled (L)	Fields Analyzed	Fiber Count	Reporting Limit (F/mm ²)	Fiber Density (F/mm ²)	Reporting Limit (F/cc)	Fiber Concentration (F/cc)
COLO10-0315-B01	EM 2045013	0	100	0	7.01	BRL	---	---
COLO10-0315-B02	EM 2045014	0	100	0	7.01	BRL	---	---
COLO10-0315-F01	EM 2045015	1224.7	100	3.5	7.01	BRL	0.002	BRL
COLO10-0315-F02	EM 2045016	1219.5	100	3	7.01	BRL	0.002	BRL

* Unless otherwise stated sample analyses have been blank corrected.
 ND= None Detected

BRL = Below Reporting Limit
 CBR = Cannot Be Read

Laboratory Quarterly Coefficient Variation (CV) by Fiber Count Range -October 1, 2017 - December 31, 2017

5-20 CV = 0.22

>20-50 CV = 0.16

>50-100 CV = 0.08



Amy Mitschele

Analyst / Data QA

Due Date: 3.15.18
 Due Time: _____

RES 403541
 r a y e

REILAB Reservoirs Environmental, Inc.
 5801 Logan St. Denver, CO 80216 • Ph: 303 964-1986 • Fax: 303-477-4275 • Toll Free 866 RES-ENV

After Hours Cell Phone: 720-339-9228

INVOICE TO: (IF DIFFERENT)

CONTACT INFORMATION:

Company: FOOTHILLS ENVIRO.
 Address: 11099 W 8TH AVE
LAKENWOOD, CO 80215

Company: FOOTHILLS ENVIRO.
 Address: 11099 W 8TH AVE
LAKENWOOD, CO 80215

Project Number and/or P.O. #: AS18049
 Project Description/Location: COLONIAL MANOR PHASE X

Contact: NIC VASQUEZ
 Phone: 303 960 4572
 Fax: _____
 Cell/pager: _____

Contact: _____
 Phone: _____
 Fax: _____
 Cell/pager: _____

Final Data Deliverable Email Address: NIC@FOOTHILLSUSA.COM

SUBMITTED BY: _____

ASBESTOS LABORATORY HOURS: Weekdays: 7am - 7pm & Sat. 8am - 5pm
 PLM / PCM / TEM RUSH (Same Day) _____ PRIORITY (Next Day) _____ STANDARD (3-5 Day)
 (Rush PCM = 2hr, TEM = 6hr.)

CHEMISTRY LABORATORY HOURS: Weekdays: 8am - 5pm
 Metals / Dust** _____ RUSH _____ 24 hr. _____ 3-5 Day
 RCRA 8 / Metals & Welding _____ RUSH (3 Day) _____ 5 Day _____ 10 Day
 Fume Scan / TCLP** _____ RUSH _____ 24 hr. _____ 3 day _____ 5 Day

MICROBIOLOGY LABORATORY HOURS: Weekdays: 9am - 6pm
 E.coli and/or Coliforms* _____ 24-48 Hour Other: _____
 Pathogens* _____ 24-48 Hour
 Microbial Growth* _____ 5-10 Day *TAT dependent on speed of
 Legionella _____ 10 Day microbial growth.*
 Mold _____ RUSH _____ 24 Hr _____ 48 Hr _____ 3 Day _____ 5 Day

Turnaround times establish a laboratory priority, subject to laboratory volume and are not guaranteed. Additional fees apply for afterhours, weekends and holidays.

Special Instructions: _____

Client sample ID number	(Sample ID's must be unique)	PLM - Short report, Point Count, Long report, Qualitative	TEM - AHERA, Level II, 7402, ISO +/- (Air, Bulk or Dust), Quant, Semi-Quant, Micro-vac, ISO-Indirect Preps	PCM - 7400A, 7400B, OSHA	DUST - Total, Respirable	METALS - Analyte(s)	RCRA 8, TCLP, Welding Fume, Metals Scan, pH	ORGANICS - METH, TSS	Pathogens: Aerobic Plate Count, Salmonella, E. coli, O157:H7, Listeria, S aureus, Campylobacter, +/- or Quantification	E. coli and/or Coliforms: +/- or Quantification	State Water (Please Circle One) Yes / No	Microbial Growth: Aerobic Plate Count ID, Y & M or Bacteria, Fungal, +/- or Quantification	Legionella: +/- or Quantification	Other: Bioburden, LAL or Environmental	Mold: Spore Trap or Bulk: +/-, Identification, Quantification, Viable or Non-Viable	SAMPLER'S INITIALS OR OTHER NOTES:	
1	COL010-0315-B01																
2	B02																
3	F01																
4	F02																
5																	
6																	
7																	
8																	
9																	
10																	

Number of samples received: 4 (Additional samples shall be listed on attached long form.)

NOTE: REI will analyze incoming samples based upon information received and will not be responsible for errors or omissions in calculations resulting from the inaccuracy of original data. By signing client/company representative agrees that submission of the following samples for requested analysis as indicated at this Chain of Custody shall constitute an analytical services agreement with payment terms may result in a 1.5% monthly interest surcharge.

Relinquished By: _____ Date/Time: 3.15.18 3pm

Laboratory Use Only: _____ Date/Time: 3.15.18 15:02

Carrier: _____

Hand FedEx / UPS / USPS / Drop Box / Courier

Sample Condition: On Ice Sealed Intact
 Temp. (F°) _____ Yes / No Yes / No

Received By: _____ Date _____ Time _____ Initials _____

Data Entry: _____ Date _____ Time _____ Initials _____

QA: _____ Date _____ Time _____ Initials _____



March 22, 2018

Subcontract Number: NA
Laboratory Report: RES 404055-1
Project # / P.O. # AS18049
Project Description: Colony Manor Motel

Andrew Castano
Foothills Environmental, Inc. (Lakewood)
11099 W. 8th Avenue
Lakewood CO 80215

Dear Customer,

Reservoirs Environmental, Inc. is an analytical laboratory accredited for the analysis of Industrial Hygiene and Environmental matrices by the National Voluntary Laboratory Accreditation Program (NVLAP), Lab Code 101896-0 for Transmission Electron Microscopy (TEM) and Polarized Light Microscopy (PLM) analysis and the American Industrial Hygiene Association (AIHA), Lab ID 101533 - Accreditation Certificate #480 for Phase Contrast Microscopy (PCM) analysis. This laboratory is currently proficient in both Proficiency Testing and PAT programs respectively.

Reservoirs Environmental, Inc. has analyzed the following samples for asbestos content as per your request. The analysis has been completed in general accordance with the appropriate methodology as stated in the attached analysis table. The results have been submitted to your office.

RES 404055-1 is the job number assigned to this study. This report is considered highly confidential and the sole property of the customer. Reservoirs Environmental, Inc. will not discuss any part of this study with personnel other than those of the client. The results described in this report only apply to the samples analyzed. This report must not be used to claim endorsement of products or analytical results by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without written approval from Reservoirs Environmental, Inc. Samples will be disposed of after sixty days unless longer storage is requested. If you have any questions about this report, please feel free to call 303-964-1986.

Sincerely,

A handwritten signature in blue ink that reads "Brett S. Colbert". Below the signature is the printed name "Brett S. Colbert" followed by the word "for" in a smaller font.

Brett S. Colbert for

Jeanne Spencer
President

RESERVOIRS ENVIRONMENTAL INC.

AIHA Certificate of Accreditation #480, Lab ID 101533

TABLE: FIBER COUNT ANALYSIS IN AIR

RES Job Number: **RES 404055-1**
 Client: **Foothills Environmental, Inc. (Lakewood)**
 Client Project Number / P.O.: **AS18049**
 Client Project Description: **Colony Manor Motel**
 Date Samples Received: **March 22, 2018**
 Method: **REI-SOP Fibers in Air / NIOSH 7400A**
 Turnaround: **2 Hour**
 Date Samples Analyzed: **March 22, 2018**

Client ID Number	Lab ID Number	Air Volume Sampled (L)	Fields Analyzed	Fiber Count	Reporting Limit (F/mm ²)	Fiber Density (F/mm ²)	Reporting Limit (F/cc)	Fiber Concentration (F/cc)
COLO-0322-B01	EM 2049089	0	100	0	7.01	BRL	---	---
COLO-0322-B02	EM 2049090	0	100	0	7.01	BRL	---	---
COLO-0322-F01	EM 2049091	2249	100	6.5	7.01	8.28	0.001	0.001
COLO-0322-F02	EM 2049092	2352	100	4	7.01	BRL	0.001	BRL
COLO-0322-F03	EM 2049093	2321	100	5	7.01	BRL	0.001	BRL
COLO-0322-F04	EM 2049094	2286	100	5.5	7.01	7.01	0.001	0.001
COLO-0322-F05	EM 2049095	2276	100	5.5	7.01	7.01	0.001	0.001

* Unless otherwise stated sample analyses have been blank corrected.
 ND= None Detected

BRL = Below Reporting Limit
 CBR = Cannot Be Read

Laboratory Quarterly Coefficient Variation (CV) by Fiber Count Range -October 1, 2017 - December 31, 2017

5-20 CV = 0.22

>20-50 CV = 0.16

>50-100 CV = 0.08



Amy Mitschele

Analyst / Data QA

Due Date: 3/22/18
 Due Time: 11:25 AM



RES 404055

5801 Logan St. Denver, CO 80216 • Ph: 303 964-1986 • Fax 303-477-4275 • Toll Free 866 RES-ENV

After Hours Cell Phone: 720-339-9228

INVOICE TO: (IF DIFFERENT)

SUBMITTED BY: **Andrew Castano**
 Company: **FootHills Environmental**
 Address: **1099 W. 8th Ave Lakewood**

Company: **Andrew Castano**
 Phone: **954 600 6552**
 Fax: **954 600 6552**
 Cell/pager: **954 600 6552**

Final Data Deliverable Email Address:
acastano@foothillsusa.com

Project Number and/or P.O. #: **AS18049**
 Project Description/Location: **Colony Manor Motel**

ASBESTOS LABORATORY HOURS: Weekdays: 7am - 7pm & Sat. 8am - 5pm
PLM / PCM / TEM (X) RUSH (Same Day) PRIORITY (Next Day) STANDARD (3-5 Day)
 (Rush PCM = 2hr, TEM = 6hr.)

CHEMISTRY LABORATORY HOURS: Weekdays: 8am - 5pm
 Metal(s) / Dust** RUSH 24 hr. 3-5 Day
 RCRA 8 / Metals & Welding RUSH (3 Day) 5 Day 10 Day
 Fume Scan / TCLP** 24 hr. 3 day 5 Day

MICROBIOLOGY LABORATORY HOURS: Weekdays: 9am - 6pm
 E.coli and/or Coliforms* 24-48 Hour Other:
 Pathogens* 24-48 Hour
 Microbial Growth* 5-10 Day *TAT dependent on speed of microbial growth.*
 Legionella 10 Day
 Mold RUSH 24 Hr 48 Hr 3 Day 5 Day

Turnaround times establish a laboratory priority, subject to laboratory volume and are not guaranteed. Additional fees apply for afterhours, weekends and holidays.

Special Instructions:

Client sample ID number	(Sample ID's must be unique)
1	COLO-0322 - B01
2	- B02
3	- F01
4	- F02
5	- F03
6	- F04
7	- F05
8	
9	
10	

REQUESTED ANALYSIS	MICROBIOLOGY	VALID MATRIX CODES	LAB NOTES:
PLM - Short report, Point Count, Long report, Qualitative TEM - AHERA, Level II, 7402, ISO, +/- (Air, Bulk or Dust), Quant, Semi-Quant, Micro-vac, ISO-Indirect Preps PCM - 7400A, 7400B, OSHA, DUST - Total, Respirable METALS - Analyte(s) RCRA 8, TCLP, Welding Fume, Metals Scan, pH ORGANICS - METH, TSS Pathogens: Aerobic Plate Count, Salmonella, E. coli O157:H7, Listeria, S.aureus, Campylobacter, +/- or Quantification E. coli and/or Coliforms: +/- or Quantification (Plate Water (Please Circle One) Yes / No) Microbial Growth: Aerobic Plate Count ID, Y & M or Bacteria, Fungal, +/- or Quantification Legionella: +/- or Quantification Other: BioBurden, LAL or Environmental Mold, Spore Trap or Bulk: +/-, Identification, Quantification, Viable or Non-Viable SAMPLER'S INITIALS OR OTHER NOTES:	Viabiles RCRA 8 / Metals & Welding Fume Scan / TCLP** Organics Mold Legionella Microbial Growth Bacteria, Fungal, +/- or Quantification Legionella: +/- or Quantification Other: BioBurden, LAL or Environmental Mold: Spore Trap or Bulk: +/-, Identification, Quantification, Viable or Non-Viable SAMPLER'S INITIALS OR OTHER NOTES:	Air = A Dust = D Soil = S Swab = SW Drinking Water = DW Waste Water = WW O = Other **ASTM E1792 approved wipe media only**	EM Number (Laboratory Use Only) 2049089 SP SI SI SI SI SI

Number of samples received: **7** (Additional samples shall be listed on attached long form.)
 NOTE: REI will analyze incoming samples based upon information received and will not be responsible for errors or omissions in calculations resulting from the inaccuracy of original data. By signing client/company representative agrees that submission of the following samples for requested analysis as indicated on this Chain of Custody shall constitute an analytical services agreement with payment terms of NET 30 days. Failure to comply with payment terms may result in a 1.5% monthly interest surcharge.

Relinquished By:	Date	Time	Phone Email Fax	Carrier:	Date/Time:	Hand FedEx / UPS / USPS / Drop Box / Courier	Sample Condition:	On Ice	Sealed	Intact
Michelle Wade	3/22/18	11:25	954 600 6552	Carrier:	3/22/2018 11:25 AM	Hand FedEx / UPS / USPS / Drop Box / Courier	Temp. (F°) _____	Yes / No	Yes / No	Yes / No
Received By:	Date	Time	Phone Email Fax	Carrier:	Date/Time:	Hand FedEx / UPS / USPS / Drop Box / Courier	Temp. (F°) _____	Yes / No	Yes / No	Yes / No
Data Entry	Contact	Time	Phone Email Fax	Contact	Date	Time	Temp. (F°) _____	Yes / No	Yes / No	Yes / No
QA:	Contact	Time	Phone Email Fax	Contact	Date	Time	Temp. (F°) _____	Yes / No	Yes / No	Yes / No



February 24, 2018

Subcontract Number: NA
Laboratory Report: RES 401803-1
Project # / P.O. # None Given
Project Description: Colonial Motel

Nic Vasquez
Foothills Environmental, Inc. (Lakewood)
11099 W. 8th Avenue
Lakewood CO 80215

Dear Customer,

Reservoirs Environmental, Inc. is an analytical laboratory accredited for the analysis of Industrial Hygiene and Environmental matrices by the National Voluntary Laboratory Accreditation Program (NVLAP), Lab Code 101896-0 for Transmission Electron Microscopy (TEM) and Polarized Light Microscopy (PLM) analysis and the American Industrial Hygiene Association (AIHA), Lab ID 101533 - Accreditation Certificate #480 for Phase Contrast Microscopy (PCM) analysis. This laboratory is currently proficient in both Proficiency Testing and PAT programs respectively.

Reservoirs Environmental, Inc. has analyzed the following samples for asbestos content as per your request. The analysis has been completed in general accordance with the appropriate methodology as stated in the attached analysis table. The results have been submitted to your office.

RES 401803-1 is the job number assigned to this study. This report is considered highly confidential and the sole property of the customer. Reservoirs Environmental, Inc. will not discuss any part of this study with personnel other than those of the client. The results described in this report only apply to the samples analyzed. This report must not be used to claim endorsement of products or analytical results by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without written approval from Reservoirs Environmental, Inc. Samples will be disposed of after sixty days unless longer storage is requested. If you have any questions about this report, please feel free to call 303-964-1986.

Sincerely,

A handwritten signature in blue ink that reads "Elizabeth Martel". Below the signature, the name "Elizabeth Martel" is printed in a small, blue, sans-serif font.

Jeanne Spencer
President

RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

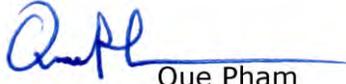
TABLE: PLM BULK ANALYSIS, PERCENTAGE COMPOSITION BY VOLUME

RES Job Number: **RES 401803-1**
 Client: **Foothills Environmental, Inc. (Lakewood)**
 Client Project Number / P.O.: **None Given**
 Client Project Description: **Colonial Motel**
 Date Samples Received: **February 23, 2018**
 Method: **EPA 600/R-93/116 - Short Report, Bulk**
 Turnaround: **2 Hour**
 Date Samples Analyzed: **February 23, 2018**

ND=None Detected
 TR=Trace, <1% Visual Estimate
 Trem/Act=Tremolite/Actinolite

Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
COLO-TSI-01	EM 2030531	A	Off white insulation	100	Amosite	TR	10	90
					Point Count	0.50		
COLO-TSI-02	EM 2030532	A	Off white insulation	100	Amosite	TR	10	90
					Point Count	0.75		
COLO-TSI-03	EM 2030533	A	Off white insulation	100	Amosite	TR	10	90
					Point Count	1.00		
COLO-GAS01-01	EM 2030534	A	Brown/off white fibrous woven material	100	Chrysotile	65	25	10
COLO-BREF01-01	EM 2030535	A	Off white/brown fibrous perlitic material	100		ND	60	40
COLO-BMUD01-01	EM 2030536	A	Off white granular material	100		ND	0	100
COLO-BINS01-01	EM 2030537	A	Off white fibrous perlitic material	100		ND	60	40

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.


 Que Pham
 Analyst / Data QA

Due Date: 2-23-18
 Due Time: _____



RES 401803

INVOICE TO: (IF DIFFERENT)

CONTACT INFORMATION:

Company: FOOTHILLS FAVIRO Contact: _____
 Address: 1109 TW 8TH AVE Phone: 303 960 4572
LAKEWOOD, CO 80215 Fax: _____
 Cell/pager: _____

Project Number and/or P.O. #: _____
 Project Description/Location: COLONIAL MOTEL Final Data Deliverable Email Address: NIC@FOOTHILLSUSA.COM

REQUESTED ANALYSIS		VALID MATRIX CODES		LAB NOTES:	
PLM - Short report, Point Count, Long report, Qualitative	PCM - 7400A, 7400B, OSHA	Air = A	Bulk = B		
TEM - AHERA Level II, 7402 ISO, +/- (Air, Bulk or Dust), Quant, Semi-Quant, Micro-vac, ISO-Indirect Preps	DUST - Total, Respirable	Dust = D	Paint = P		
METALS - Analyte(s)	RCRA 8, TCLP, Welding Fume, Metals Scan, pH	Soil = S	Wipe = W		
ORGNACS - METH, TSS	Legionella: +/- or Quantification	Swab = SW	F = Food		
Microbiology	Microbial Growth: Aerobic Plate Count ID, Y & M or	Drinking Water = DW	Waste Water = WW		
Pathogens: Aerobic Plate Count, Salmonella, E. coli	E. coli and/or Coliforms: +/- or Quantification	O = Other			
O157:H7, Listeria, S aureus, Campylobacter, +/- or Quantification	State Water (Please Circle One) Yes / No	**ASTM E1792 approved wipe media only**			
Other: Bioburden, TAT or Environmental	Mold Spore Trap or Bulk: +/-, Identification, Quantification				
Viabiles	Viabiles				
Microbiology	Microbiology				
SAMPLER'S INITIALS OR OTHER NOTES:					
		Sample Volume (L) / Area	Date Collected mm/dd/yy	Time Collected hh:mm a/p	EM Number (Laboratory Use Only)
		B			2030331
					2
					3
					4
					5
					6
					7
					8
					9
					10

Number of samples received: 7 (Additional samples shall be listed on attached long form.)
 NOTE: REI will analyze incoming samples based upon information received and will not be responsible for errors or omissions in calculations resulting from the inaccuracy of original data. By signing client/company representative agrees that submission of the following samples for requested analysis as indicated on this Chain of Custody Form constitutes an analytical services agreement with payment terms of NET 30 days, failure to comply with payment terms may result in a 1.5% monthly interest surcharge.

Relinquished By: [Signature] Date/Time: 02/23/2018 1500
 Laboratory Use Only [Signature] Date/Time: 2-23-18
 Carrier: 3 Hand FedEx / UPS / USPS / Drop Box / Courier
 Date: _____ Time: _____ Date: _____ Time: _____
 Phone Email Fax: _____ Phone Email Fax: _____
 Initials: _____ Initials: _____



March 12, 2018

Subcontract Number: NA
Laboratory Report: RES 403130-1
Project # / P.O. # AS18049
Project Description: None Given

Foothills Environmental, Inc. (Lakewood)
11099 W. 8th Avenue
Lakewood CO 80215

Dear Customer,

Reservoirs Environmental, Inc. is an analytical laboratory accredited for the analysis of Industrial Hygiene and Environmental matrices by the National Voluntary Laboratory Accreditation Program (NVLAP), Lab Code 101896-0 for Transmission Electron Microscopy (TEM) and Polarized Light Microscopy (PLM) analysis and the American Industrial Hygiene Association (AIHA), Lab ID 101533 - Accreditation Certificate #480 for Phase Contrast Microscopy (PCM) analysis. This laboratory is currently proficient in both Proficiency Testing and PAT programs respectively.

Reservoirs Environmental, Inc. has analyzed the following samples for asbestos content as per your request. The analysis has been completed in general accordance with the appropriate methodology as stated in the attached analysis table. The results have been submitted to your office.

RES 403130-1 is the job number assigned to this study. This report is considered highly confidential and the sole property of the customer. Reservoirs Environmental, Inc. will not discuss any part of this study with personnel other than those of the client. The results described in this report only apply to the samples analyzed. This report must not be used to claim endorsement of products or analytical results by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without written approval from Reservoirs Environmental, Inc. Samples will be disposed of after sixty days unless longer storage is requested. If you have any questions about this report, please feel free to call 303-964-1986.

Sincerely,

A handwritten signature in blue ink, appearing to read "Gina Veltraine Far". Below the signature is the printed name "Gina Veltraine Far" in a small, blue, sans-serif font.

Gina Veltraine Far

Jeanne Spencer
President

RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

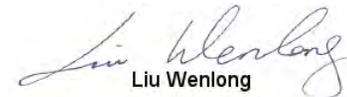
TABLE: PLM BULK ANALYSIS, PERCENTAGE COMPOSITION BY VOLUME

RES Job Number: **RES 403130-1**
 Client: **Foothills Environmental, Inc. (Lakewood)**
 Client Project Number / P.O.: **AS18049**
 Client Project Description: **None Given**
 Date Samples Received: **March 12, 2018**
 Method: **EPA 600/R-93/116 - Short Report, Bulk**
 Turnaround: **2 Hour**
 Date Samples Analyzed: **March 12, 2018**

ND=None Detected
 TR=Trace, <1% Visual Estimate
 Trem/Act=Tremolite/Actinolite

Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
COLO-FBRICK01-01	EM 2041905	A	Tan granular material	100		ND	0	100
COLO-FBRICK01-02	EM 2041906	A	Brown/tan brick	100		ND	0	100

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.



Liu Wenlong

Analyst / Data QA

Due Date: 5/12/18
 Due Time:



Reservoirs Environmental, Inc.

RES 403130

5801 Logan St. Denver, CO 80216 • Ph: 303 964-1586 • Fax: 303-477-4275 • Toll Free 366-RESI-ENV

After Hours Cell Phone: 720-339-9228

INVOICE TO: (IF DIFFERENT)

CONTACT INFORMATION:

Company: **FOOTHILLS ENVIRO.**
 Address: **11099 W 8TH AVE
 LAKEWOOD, CO 80215**

Contact: **NIC VASQUEZ**
 Phone: **303 960 4572**
 Fax:
 Cell/pager:

Contact:
 Phone:
 Fax:
 Cell/pager:

Project Number and/or P.O. #: **AS18049**

Final Data Deliverable Email Address: **NIC@FOOTHILLSUSA.COM**

SUBMITTED BY:		REQUESTED ANALYSIS		VALID MATRIX CODES		LAB NOTES:	
ASBESTOS LABORATORY HOURS: Weekdays: 7am - 7pm & Sat. 8am - 5pm PLM / PCM / TEM <input checked="" type="checkbox"/> RUSH (Same Day) <input type="checkbox"/> PRIORITY (Next Day) <input type="checkbox"/> STANDARD (3-5 Day) (Rush PCM = 2hr, TEM = 6hr.)		ORGANICS - METH, TSS METALS - Analyte(s) RCRA 8, TCLP, Welding Fume, Metals Scan, pH DUST - Total, Respirable PCM - 7400A, 7400B, OSHA TEM - AHERA Level II, 7402, ISO, +/- (Air, Bulk or Dust), Quant, Semi-Quant, Micro-vac, ISO-Indirect Preps		Air = A Bulk = B Dust = D Paint = P Soil = S Wipe = W F = Food Swab = SW Drinking Water = DW Waste Water = WW O = Other **ASTM E1792 approved wipe media only**		EM Number (Laboratory Use Only) 2641905	
CHEMISTRY LABORATORY HOURS: Weekdays: 8am - 5pm Metal(s) / Dust** RUSH 24 hr. 3-5 Day RCRA 8 / Metals & Welding Fume Scan / TCLP** RUSH (3 Day) 5 Day 10 Day 24 hr. 3 day 5 Day		MICROBIOLOGY LABORATORY HOURS: Weekdays: 9am - 6pm E.coli and/or Coliforms* 24-48 Hour Other: 24-48 Hour 5-10 Day 10 Day RUSH 24 Hr 48 Hr 3 Day 5 Day					
Special Instructions: PLEASE POINT COUNT IF TRACE (Sample ID's must be unique)		SAMPLER'S INITIALS OR OTHER NOTES: Quantification, Viable or Non-Viable Mold: Spore Trap or Bulk: +/-, Identification Other: Bioburden, LAL or Environmental Legionella: +/- or Quantification Bacteria, Fungal +/- or Quantification Microbial Growth: Aerobic Plate Count ID, Y & M or State Water (Please Circle One) +/- or Quantification E.coli and/or Coliforms: +/- or Quantification Pathogens: Aerobic Plate Count, Salmonella, E.coli O157:H7, Listeria, S.aureus, Campylobacter: +/- or Quantification					
Client sample ID number 1 COLO-FBRICK01-01 2 ↓ -02		PLM - Short report, Point Count, Long report, Qualitative TEM - AHERA Level II, 7402, ISO, +/- (Air, Bulk or Dust), Quant, Semi-Quant, Micro-vac, ISO-Indirect Preps PCM - 7400A, 7400B, OSHA DUST - Total, Respirable METALS - Analyte(s) RCRA 8, TCLP, Welding Fume, Metals Scan, pH ORGANICS - METH, TSS Pathogens: Aerobic Plate Count, Salmonella, E.coli O157:H7, Listeria, S.aureus, Campylobacter: +/- or Quantification E.coli and/or Coliforms: +/- or Quantification State Water (Please Circle One) +/- or Quantification Bacteria, Fungal +/- or Quantification Legionella: +/- or Quantification Other: Bioburden, LAL or Environmental Mold: Spore Trap or Bulk: +/-, Identification Quantification, Viable or Non-Viable		Date Collected mm/dd/yyyy Time Collected hh:mm:ap		Sample Volume (L) / Area Matrix Code # Containers	

Number of samples received:		Date/Time:		Carrier:		Sample Condition:	
1	↓	03/12/18	12:20	Hand / FedEx / UPS / USPS / Drop	Box / Courier	On Ice	Sealed
2	↓	3/17/18	12:30	Hand / FedEx / UPS / USPS / Drop	Box / Courier	Yes / No	Yes / No
3							
4							
5							
6							
7							
8							
9							
10							

NOTE: REI will analyze incoming samples based on information received and will not be responsible for errors or omissions in calculations resulting from the inaccuracy of original data. By signing client/company representative agrees that submission of the following samples for requested analysis as indicated on this Chain of Custody shall constitute an analytical services agreement with payment terms of NET 30 days, failure to comply with payment terms may result in a 1.5% monthly interest surcharge.

Relinquished By:		Date/Time:		Carrier:		Sample Condition:	
Laboratory Use Only Quelana Vasquez		03/12/18 12:20		Hand / FedEx / UPS / USPS / Drop Box / Courier		On Ice Sealed	
Received By: Quelana Vasquez		3/17/18 12:30		Hand / FedEx / UPS / USPS / Drop Box / Courier		Yes / No Yes / No	
Data Entry QA:		Phone Email Fax Time		Phone Email Fax Time		Initials Initials	



March 20, 2018

Subcontract Number: NA
Laboratory Report: RES 403893-1
Project # / P.O. # AS18049
Project Description: Colonial Manor

Dan Benecke
Foothills Environmental, Inc. (Lakewood)
11099 W. 8th Avenue
Lakewood CO 80215

Dear Customer,

Reservoirs Environmental, Inc. is an analytical laboratory accredited for the analysis of Industrial Hygiene and Environmental matrices by the National Voluntary Laboratory Accreditation Program (NVLAP), Lab Code 101896-0 for Transmission Electron Microscopy (TEM) and Polarized Light Microscopy (PLM) analysis and the American Industrial Hygiene Association (AIHA), Lab ID 101533 - Accreditation Certificate #480 for Phase Contrast Microscopy (PCM) analysis. This laboratory is currently proficient in both Proficiency Testing and PAT programs respectively.

Reservoirs Environmental, Inc. has analyzed the following samples for asbestos content as per your request. The analysis has been completed in general accordance with the appropriate methodology as stated in the attached analysis table. The results have been submitted to your office.

RES 403893-1 is the job number assigned to this study. This report is considered highly confidential and the sole property of the customer. Reservoirs Environmental, Inc. will not discuss any part of this study with personnel other than those of the client. The results described in this report only apply to the samples analyzed. This report must not be used to claim endorsement of products or analytical results by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without written approval from Reservoirs Environmental, Inc. Samples will be disposed of after sixty days unless longer storage is requested. If you have any questions about this report, please feel free to call 303-964-1986.

Sincerely,

A handwritten signature in blue ink that reads "Brett S. Colbert". Below the signature is the printed name "Brett S. Colbert" in a small, blue, sans-serif font.

Brett S. Colbert for

Jeanne Spencer
President

RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

TABLE: PLM BULK ANALYSIS, PERCENTAGE COMPOSITION BY VOLUME

RES Job Number: **RES 403893-1**
 Client: **Foothills Environmental, Inc. (Lakewood)**
 Client Project Number / P.O.: **AS18049**
 Client Project Description: **Colonial Manor**
 Date Samples Received: **March 20, 2018**
 Method: **EPA 600/R-93/116 - Short Report, Bulk**
 Turnaround: **2 Hour**
 Date Samples Analyzed: **March 20, 2018**

ND=None Detected
 TR=Trace, <1% Visual Estimate
 Trem/Act=Tremolite/Actinolite

Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
CM-WW01-01	EM 2047898	A	Tan/multi-colored wire insulation	100		ND	50	50
CM-WW01-02	EM 2047899	A	Black resinous material	100		ND	0	100
CM-SVF4-01	EM 2047900	A	Pink adhesive	5		ND	0	100
		B	Off white/yellow sheet vinyl w/ light gray fibrous backing material	95	Chrysotile	28	0	72
CM-SVF4-02	EM 2047901	A	Pink adhesive	7		ND	0	100
		B	Off white/yellow sheet vinyl w/ light gray fibrous backing material	93	Chrysotile	28	0	72
CM-OFF-PL01-01	EM 2047902	A	White perlitic plaster	30		ND	0	100
		B	White plaster w/ white/tan paint	70		ND	0	100
CM-OFF-PL01-02	EM 2047903	A	White plaster w/ white/multi-colored paint	30		ND	0	100
		B	Off white granular plaster	70	Chrysotile Point Count	TR <0.25	0	100

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.

RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

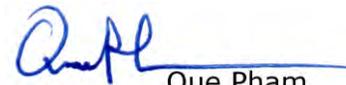
TABLE: PLM BULK ANALYSIS, PERCENTAGE COMPOSITION BY VOLUME

RES Job Number: **RES 403893-1**
 Client: **Foothills Environmental, Inc. (Lakewood)**
 Client Project Number / P.O.: **AS18049**
 Client Project Description: **Colonial Manor**
 Date Samples Received: **March 20, 2018**
 Method: **EPA 600/R-93/116 - Short Report, Bulk**
 Turnaround: **2 Hour**
 Date Samples Analyzed: **March 20, 2018**

ND=None Detected
 TR=Trace, <1% Visual Estimate
 Trem/Act=Tremolite/Actinolite

Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
CM-OFF-PL01-03	EM 2047904	A	White plaster w/ white/multi-colored paint	30	Chrysotile Point Count	ND	0	100
			B	Off white granular plaster		70	TR	0
CM-CB01-01	EM 2047905	A	Black foam	100		ND	0	100
CM-CB01-02	EM 2047906	A	Black foam	100		ND	0	100

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.


 Que Pham
 Analyst


 Michael Scales
 Analyst / Data QA



Industrial Hygiene, Safety & Environmental Services

APPENDIX C

CERTIFICATIONS



Colorado Department
of Public Health
and Environment

ASBESTOS CONSULTING FIRM

This certifies that

Foothills Environmental, Inc.

Registration No.: ACF - 14925

has met the registration requirements of 25-7-507, C.R.S. and the Air Quality Control Commission Regulation No. 8, Part B, and is hereby authorized to perform asbestos consulting activities as required under Regulation No 8, Part B, in the state of Colorado.

Issued: January 30, 2018

Expires: January 30, 2019

Authorized APCD Representative

SEAL



Colorado Department
of Public Health
and Environment

ASBESTOS CERTIFICATION*

This certifies that

Nicolas Vasquez

Certification No.: 22566

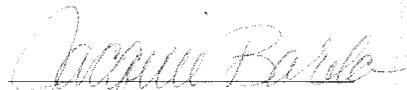
has met the requirements of 25-7-507, C.R.S. and Air Quality Control Commission Regulation No. 8, Part B, and is hereby certified by the state of Colorado in the following discipline:

Building Inspector*

Issued: November 21, 2017

Expires: November 24, 2018

** This certificate is valid only with the possession of a current Division-approved training course certification in the discipline specified above.*


Authorized APCD Representative

SEAL



CHC Training
Nationwide Training & Certification Experts

www.trainingchc.com
303.412.6360
(855) 60 CERTIFY

1775 West 55th Avenue
Denver, CO 80221.
United States of America

CERTIFICATE OF ACHIEVEMENT

This certificate is awarded to:

NICOLAS VASQUEZ

In recognition of satisfactory completion of the EPA-approved annual asbestos refresher training course under section 206 of the Toxic Substance Control Act (TSCA),

Title II entitled:

BUILDING INSPECTOR

COURSE DATE:	OCTOBER 13, 2017
EXPIRATION DATE	OCTOBER 13, 2018
COURSE HOURS:	4.0

Danaya A. Benedetto
Co-Founder & CEO
Training Program Manager

10925503



Frank Hulce
Instructor

R17-1760-AI-CO





Colorado Department
of Public Health
and Environment

ASBESTOS CERTIFICATION*

This certifies that

Nicolas Vasquez

Certification No.: 22566

has met the requirements of 25-7-507, C.R.S. and Air Quality Control Commission Regulation No. 8, Part B, and is hereby certified by the state of Colorado in the following discipline:

Air Monitoring Specialist*

Issued: November 21, 2017

Expires: November 24, 2018

** This certificate is valid only with the possession of a current Division-approved training course certification in the discipline specified above.*


Authorized APCD Representative

SEAL

ACCLAIM ENVIRONMENTAL
S E R V I C E S I N C

7959 Ulster Court, Thornton, Colorado 80602
Tel: 303.424.4647
Fax: 303.432.8669

CERTIFIES THAT

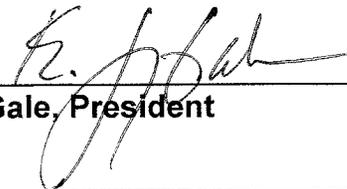
NICOLAS VASQUEZ

Has successfully completed the

AIR MONITORING SPECIALIST – REFRESHER COURSE

This course is approved by the Colorado Department of Public Health and Environment in accordance with the AQCC requirements of Colorado Regulation No. 8.

Course Date: 09/13/17
Exam Date: N/A
Certificate No.: AE17-035-AMS-R-05
Expiration Date: 09/13/18


K. Jay Gale, President



Colorado Department
of Public Health
and Environment

ASBESTOS CERTIFICATION*

This certifies that

Daniel M. Benecke

Certification No.: 1947

has met the requirements of 25-7-507, C.R.S. and Air Quality Control Commission Regulation No. 8, Part B, and is hereby certified by the state of Colorado in the following discipline:

Building Inspector*

Issued: February 01, 2018

Expires: February 01, 2019

** This certificate is valid only with the possession of a current Division-approved training course certification in the discipline specified above.*


Authorized APCD Representative
SEAL



CHC Training
Nationwide Training & Certification Experts
www.trainingchc.com
303.412.6360
(855) 60.CERTIFY

1775 West 55th Avenue
Denver, CO 80221,
United States of America

CERTIFICATE OF ACHIEVEMENT

This certificate is awarded to:

DAN BENECKE

In recognition of satisfactory completion of the EPA-approved annual asbestos refresher training course under section 206 of the Toxic Substance Control Act (TSCA),
Title II entitled:

BUILDING INSPECTOR

COURSE DATE:	DECEMBER 20, 2017
EXPIRATION DATE	DECEMBER 20, 2018
COURSE HOURS:	4.0

Verify Credential



Danaya N. Benedetto
Co-Founder & CEO
Training Program Manager

Credential License ID:11081143



Frank Hulce
Instructor

CHC Training Certificate No.
R17-2177-AI-CO

Visit our Website





February 24, 2018

Subcontract Number: NA
Laboratory Report: RES 401803-1
Project # / P.O. # None Given
Project Description: Colonial Motel

Nic Vasquez
Foothills Environmental, Inc. (Lakewood)
11099 W. 8th Avenue
Lakewood CO 80215

Dear Customer,

Reservoirs Environmental, Inc. is an analytical laboratory accredited for the analysis of Industrial Hygiene and Environmental matrices by the National Voluntary Laboratory Accreditation Program (NVLAP), Lab Code 101896-0 for Transmission Electron Microscopy (TEM) and Polarized Light Microscopy (PLM) analysis and the American Industrial Hygiene Association (AIHA), Lab ID 101533 - Accreditation Certificate #480 for Phase Contrast Microscopy (PCM) analysis. This laboratory is currently proficient in both Proficiency Testing and PAT programs respectively.

Reservoirs Environmental, Inc. has analyzed the following samples for asbestos content as per your request. The analysis has been completed in general accordance with the appropriate methodology as stated in the attached analysis table. The results have been submitted to your office.

RES 401803-1 is the job number assigned to this study. This report is considered highly confidential and the sole property of the customer. Reservoirs Environmental, Inc. will not discuss any part of this study with personnel other than those of the client. The results described in this report only apply to the samples analyzed. This report must not be used to claim endorsement of products or analytical results by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without written approval from Reservoirs Environmental, Inc. Samples will be disposed of after sixty days unless longer storage is requested. If you have any questions about this report, please feel free to call 303-964-1986.

Sincerely,

A handwritten signature in blue ink that reads "Elizabeth Martel". Below the signature is the printed name "Elizabeth Martel for".

Jeanne Spencer
President

RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

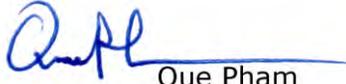
TABLE: PLM BULK ANALYSIS, PERCENTAGE COMPOSITION BY VOLUME

RES Job Number: **RES 401803-1**
 Client: **Foothills Environmental, Inc. (Lakewood)**
 Client Project Number / P.O.: **None Given**
 Client Project Description: **Colonial Motel**
 Date Samples Received: **February 23, 2018**
 Method: **EPA 600/R-93/116 - Short Report, Bulk**
 Turnaround: **2 Hour**
 Date Samples Analyzed: **February 23, 2018**

ND=None Detected
 TR=Trace, <1% Visual Estimate
 Trem/Act=Tremolite/Actinolite

Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
COLO-TSI-01	EM 2030531	A	Off white insulation	100	Amosite	TR	10	90
					Point Count	0.50		
COLO-TSI-02	EM 2030532	A	Off white insulation	100	Amosite	TR	10	90
					Point Count	0.75		
COLO-TSI-03	EM 2030533	A	Off white insulation	100	Amosite	TR	10	90
					Point Count	1.00		
COLO-GAS01-01	EM 2030534	A	Brown/off white fibrous woven material	100	Chrysotile	65	25	10
COLO-BREF01-01	EM 2030535	A	Off white/brown fibrous perlitic material	100		ND	60	40
COLO-BMUD01-01	EM 2030536	A	Off white granular material	100		ND	0	100
COLO-BINS01-01	EM 2030537	A	Off white fibrous perlitic material	100		ND	60	40

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.


 Que Pham
 Analyst / Data QA

Due Date: 2-23-18
 Due Time: _____

REILAB Reservoirs Environmental, Inc.
 5801 Logan St. Denver, CO 80216 • Ph: 303 964-1986 • Fax 303-477-4275 • Toll Free .866 RESI-ENV

RES 401803

After Hours Cell Phone: 720-339-9228

SUBMITTED BY:

INVOICE TO: (IF DIFFERENT)

CONTACT INFORMATION.

Company: <u>FOOTHILLS ENVIRO</u>	Company:	Contact: <u>NIC VASQUEZ</u>	Contact:
Address: <u>11099 W 8TH AVE</u>	Address:	Phone: <u>303 960 4572</u>	Phone:
<u>LAKWOOD, CO 80215</u>		Fax:	Fax:
		Cell/pager:	Cell/pager:
Project Number and/or P.O. #:		Final Data Deliverable Email Address: <u>NIC@FOOTHILLSUSA.COM</u>	
Project Description/Location: <u>COLONIAL MOTEL</u>			

ASBESTOS LABORATORY HOURS: Weekdays: 7am - 7pm & Sat. 8am - 5pm		REQUESTED ANALYSIS				VALID MATRIX CODES		LAB NOTES:
PLM / PCM / TEM <input checked="" type="checkbox"/> RUSH (Same Day) <input type="checkbox"/> PRIORITY (Next Day) <input type="checkbox"/> STANDARD (3-5 Day)	(Rush PCM = 2hr, TEM = 6hr.)	PLM - Short report, Point Count, Long report, Qualitative TEM - AHERA, Level II, 7402, ISO, +/- (Air, Bulk or Dust), Quant, Semi-Quant, Micro-vac, ISO-Indirect Preps PCM - 7400A, 7400B, OSHA DUST - Total, Respirable METALS - Analyte(s) RCRA 8, TCLP, Welding Fume, Metals Scan, pH ORGANICS - METH, TSS Pathogens: Aerobic Plate Count, Salmonella, E. coli O157:H7, Listeria, S. aureus, Campylobacter +/- or Quantification E. coli and/or Coliforms: +/- or Quantification State Water (Please Circle One) Yes / No Microbial Growth: Aerobic Plate Count ID, Y, M or Bacteria, Fungal, +/- or Quantification Legionella: +/- or Quantification Other: Biorburden, LAL or Environmental Mold: Spore Trap or Bulk: +/-, Identification, Quantification Viable or Non-Viable	Air = A Bulk = B Dust = D Paint = P Soil = S Wipe = W Swab = SW F = Food Drinking Water = DW Waste Water = WW O = Other **ASTM E1792 approved wipe media only**					
CHEMISTRY LABORATORY HOURS: Weekdays: 8am - 5pm			Sample Volume (L) / Area Matrix Code # Containers Date Collected mm/dd/yy Time Collected hh/mm a/p					
Metal(s) / Dust**	___ RUSH ___ 24 hr. ___ 3-5 Day		Viabiles Microbiology					
RCRA 8 / Metals & Welding Fume Scan / TCLP**	___ RUSH (3 Day) ___ 5 Day ___ 10 Day		SAMPLER'S INITIALS OR OTHER NOTES:					
Organics	___ 24 hr. ___ 3 day ___ 5 Day							
MICROBIOLOGY LABORATORY HOURS: Weekdays: 9am - 6pm								
E.coli and/or Coliforms*	___ 24-48 Hour Other: _____							
Pathogens*	___ 24-48 Hour							
Microbial Growth*	___ 5-10 Day *TAT dependent on speed of microbial growth.*							
Legionella	___ 10 Day							
Mold	___ RUSH ___ 24 Hr ___ 48 Hr ___ 3 Day ___ 5 Day							
Turnaround times establish a laboratory priority, subject to laboratory volume and are not guaranteed. Additional fees apply for afterhours, weekends and holidays.								
Special Instructions: <u>PLEASE POINT COUNT IF TRACE</u>								
Client sample ID number (Sample ID's must be unique)								
1	<u>66282800 COLO-TSIO1-01</u>					<u>B</u>	<u>2030931</u>	
2	<u>-02</u>						<u>2</u>	
3	<u>-03</u>						<u>3</u>	
4	<u>GASO1-01</u>						<u>4</u>	
5	<u>BREF01-01</u>						<u>5</u>	
6	<u>BMUD01-01</u>						<u>6</u>	
7	<u>BINS01-01</u>						<u>7</u>	
8								
9								
10								

Number of samples received: 7 (Additional samples shall be listed on attached long form.)
 NOTE: REI will analyze incoming samples based upon information received and will not be responsible for errors or omissions in calculations resulting from the inaccuracy of original data. By signing client/company representative agrees that submission of the following samples for requested analysis as indicated on this Chain of Custody shall constitute an analytical services agreement with payment terms of NET 30 days, failure to comply with payment terms may result in a 1.5% monthly interest surcharge.

Relinquished By: <u>[Signature]</u>	Date/Time: <u>02/23/2018 1500</u>	Sample Condition: On Ice Sealed Intact
Laboratory Use Only	Carrier: <u>Hand</u> FedEx / UPS / USPS / Drop	Temp. (F°) _____ Yes / No Yes / No <u>Yes / No</u>
Received By: <u>[Signature]</u>	Date/Time: <u>2-23-18</u>	
Data Entry	Contact Phone Email Fax Date Time Initials	Contact Phone Email Fax Date Time Initials
QA:	Contact Phone Email Fax Date Time Initials	Contact Phone Email Fax Date Time Initials



March 12, 2018

Subcontract Number: NA
Laboratory Report: RES 403130-1
Project # / P.O. # AS18049
Project Description: None Given

Foothills Environmental, Inc. (Lakewood)
11099 W. 8th Avenue
Lakewood CO 80215

Dear Customer,

Reservoirs Environmental, Inc. is an analytical laboratory accredited for the analysis of Industrial Hygiene and Environmental matrices by the National Voluntary Laboratory Accreditation Program (NVLAP), Lab Code 101896-0 for Transmission Electron Microscopy (TEM) and Polarized Light Microscopy (PLM) analysis and the American Industrial Hygiene Association (AIHA), Lab ID 101533 - Accreditation Certificate #480 for Phase Contrast Microscopy (PCM) analysis. This laboratory is currently proficient in both Proficiency Testing and PAT programs respectively.

Reservoirs Environmental, Inc. has analyzed the following samples for asbestos content as per your request. The analysis has been completed in general accordance with the appropriate methodology as stated in the attached analysis table. The results have been submitted to your office.

RES 403130-1 is the job number assigned to this study. This report is considered highly confidential and the sole property of the customer. Reservoirs Environmental, Inc. will not discuss any part of this study with personnel other than those of the client. The results described in this report only apply to the samples analyzed. This report must not be used to claim endorsement of products or analytical results by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without written approval from Reservoirs Environmental, Inc. Samples will be disposed of after sixty days unless longer storage is requested. If you have any questions about this report, please feel free to call 303-964-1986.

Sincerely,

A handwritten signature in blue ink, appearing to read "Gina Veltraine Far". Below the signature is the printed name "Gina Veltraine Far" in a small, blue, sans-serif font.

Gina Veltraine Far

Jeanne Spencer
President

RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

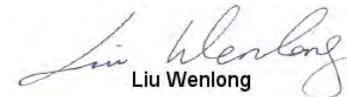
TABLE: PLM BULK ANALYSIS, PERCENTAGE COMPOSITION BY VOLUME

RES Job Number: **RES 403130-1**
 Client: **Foothills Environmental, Inc. (Lakewood)**
 Client Project Number / P.O.: **AS18049**
 Client Project Description: **None Given**
 Date Samples Received: **March 12, 2018**
 Method: **EPA 600/R-93/116 - Short Report, Bulk**
 Turnaround: **2 Hour**
 Date Samples Analyzed: **March 12, 2018**

ND=None Detected
 TR=Trace, <1% Visual Estimate
 Trem/Act=Tremolite/Actinolite

Client Sample Number	Lab ID Number	L A Y E R	Physical Description	Sub Part (%)	Asbestos Content		Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
					Mineral	Visual Estimate (%)		
COLO-FBRICK01-01	EM 2041905	A	Tan granular material	100		ND	0	100
COLO-FBRICK01-02	EM 2041906	A	Brown/tan brick	100		ND	0	100

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.



Liu Wenlong

Analyst / Data QA

Due Date: 3/12/18
 Due Time: _____



Reservoirs Environmental, Inc.

5801 Logan St. Denver, CO 80216 • Ph: 303 964-1986 • Fax 303-477-4275 • Toll Free :866 RESI-ENV

RES 403130

After Hours Cell Phone: 720-339-9228

SUBMITTED BY:

INVOICE TO: (IF DIFFERENT)

CONTACT INFORMATION:

Company: FOOTHILLS ENVIRO.
 Address: 11099 W 8TH AVE
LAKWOOD, CO 80215

Project Number and/or P.O. #: AS18049
 Project Description/Location: _____

Company: _____
 Address: _____

Contact: NIC VASQUEZ
 Phone: 303 960 4572
 Fax: _____
 Cell/pager: _____

Final Data Deliverable Email Address:
NIC@FOOTHILLSUSA.COM

Contact: _____
 Phone: _____
 Fax: _____
 Cell/pager: _____

ASBESTOS LABORATORY HOURS: Weekdays: 7am - 7pm & Sat. 8am - 5pm
 PLM / PCM / TEM RUSH (Same Day) PRIORITY (Next Day) STANDARD (3-5 Day)
 (Rush PCM = 2hr, TEM = 6hr.)

CHEMISTRY LABORATORY HOURS: Weekdays: 8am - 5pm
 Metal(s) / Dust** RUSH 24 hr. 3-5 Day
 RCRA 8 / Metals & Welding RUSH (3 Day) 5 Day 10 Day
 Fume Scan / TCLP** 24 hr. 3 day 5 Day

MICROBIOLOGY LABORATORY HOURS: Weekdays: 9am - 6pm
 E.coli and/or Coliforms* 24-48 Hour Other: _____
 Pathogens* 24-48 Hour *TAT dependent on speed of microbial growth.*
 Microbial Growth* 5-10 Day
 Legionella 10 Day
 Mold RUSH 24 Hr 48 Hr 3 Day 5 Day

Turnaround times establish a laboratory priority, subject to laboratory volume and are not guaranteed. Additional fees apply for afterhours, weekends and holidays.

Special Instructions: PLEASE POINT COUNT IF TRACE

Client sample ID number (Sample ID's must be unique)

1	<u>COLO-FBRICK01-01</u>
2	<u>↓ ↓ -02</u>
3	
4	
5	
6	
7	
8	
9	
10	

REQUESTED ANALYSIS										
PLM - Short report, Point Count, Long report, Qualitative	TEM - AHERA, Level II, 7402, ISO, +/- (Air, Bulk or Dust), Quant, Semi-Quant, Micro-vac, ISO-Indirect Preps	PCM - 7400A, 7400B, OSHA	DUST - Total, Respirable	METALS - Analyte(s)	RCRA 8, TCLP, Welding Fume, Metals Scan, pH	ORGANICS - METH, TSS	Pathogens: Aerobic Plate Count, Salmonella, E.coli O157:H7, Listeria, S.aureus, Campylobacter: +/- or Quantification	E.coli and/or Coliforms: +/- or Quantification	State Water (Please Circle One) Yes / No	Microbial Growth: Aerobic Plate Count ID, Y & M or Bacteria, Fungal, +/- or Quantification
MICROBIOLOGY										
Legionella: +/- or Quantification										
Other: Bioburden, LAL or Environmental										
Mold: Spore Trap or Bulk: +/-, Identification, Quantification, Viable or Non-Viable										
SAMPLER'S INITIALS OR OTHER NOTES:										

VALID MATRIX CODES	
Air = A	Bulk = B
Dust = D	Paint = P
Soil = S	Wipe = W
Swab = SW	F = Food
Drinking Water = DW	Waste Water = WW
O = Other	
ASTM E1792 approved wipe media only	

Sample Volume (L) / Area	Matrix Code	# Containers	Date Collected mm/dd/yy	Time Collected hh/mm a/p
	<u>B</u>			

LAB NOTES:	EM Number (Laboratory Use Only)
	<u>26419056</u>

Number of samples received: 2 (Additional samples shall be listed on attached long form.)
 NOTE: REI will analyze incoming samples based on information received and will not be responsible for errors or omissions in calculations resulting from the inaccuracy of original data. By signing client/company representative agrees that submission of the following samples for requested analysis as indicated on this Chain of Custody shall constitute an analytical services agreement with payment terms of NET 30 days, failure to comply with payment terms may result in a 1.5% monthly interest surcharge.

Relinquished By: _____	Date/Time: <u>03/12/18 12:20</u>	Sample Condition: On Ice <input type="checkbox"/> Sealed <input type="checkbox"/> Intact <input checked="" type="checkbox"/>
Laboratory Use Only Received By: <u>Nicolas</u>	Date/Time: <u>3/12/18 12:30</u>	Temp. (F°) _____ Yes / No
	Carrier: <u>Hand</u> / FedEx / UPS / USPS / Drop Box / Courier	Yes / No <input type="checkbox"/> Yes / No <input type="checkbox"/> Yes / No <input checked="" type="checkbox"/>
Data Entry QA:	Contact Phone Email Fax Date Time Initials	Contact Phone Email Fax Date Time Initials

The following table summarizes the sample results collected from the basement boiler area of the **Colonial Manor Motel at 2615 E. 46th Avenue:**

Data #	Sample Number	Material Description	Sample Location	Condition	Approx. ACM Quantity	Analytical Result
1	COLO-TSI01-01	Hard-fitted elbow pipe insulation (off-white)	Basement boiler area, south pipes, east side fittings, north fitting	D/F	10 fittings	0.5% Chrysotile by point count
2	COLO-TSI01-02		Basement boiler area, south pipes, fittings at stairs, south fitting	G/F		0.75% Chrysotile by point count
3	COLO-TSI01-03		Basement boiler area, south pipes, fittings at west side, north fitting	G/F		1% Chrysotile by point count
4	COLO-GAS01-01	Boiler gasket (brown)	Boiler, north side, center area of gasket	G/NF	20 SF	65% Chrysotile
5	COLO-BREF01-01	Boiler refractory materials (off-white/brown)	Boiler, north side, near northwest corner	D/F	30 SF	ND
6	COLO-BMUD01-01	Mudded boiler insulation (off-white)	Boiler, north side, near northwest corner	D/F	10 SF	ND
7	COLO-BINS01-01	Fibrous boiler insulation (off-white)	Boiler, south side, center	D/F	40 SF	ND
8	COLO-FBRICK01-01	Fire brick	Boiler room, floor, beneath removed boiler	D/NF	10 SF	ND
9	COLO-FBRICK01-02		Boiler room, floor, beneath removed boiler	D/NF		ND

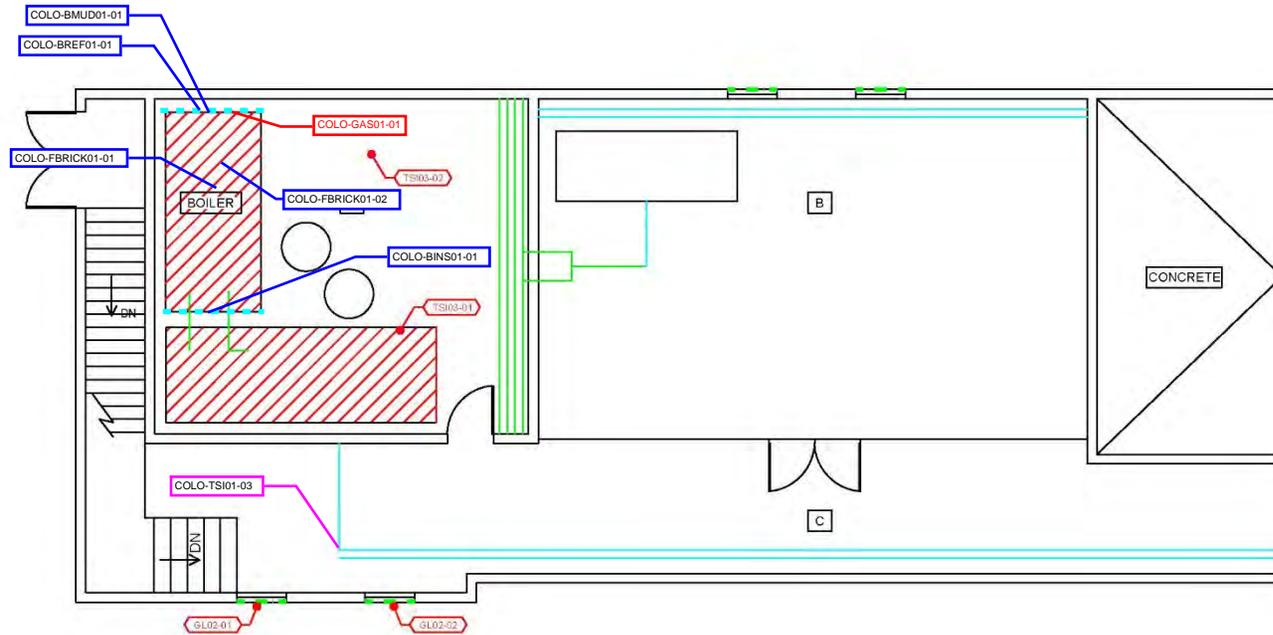
F= friable
NF=non-friable

†= approximate total square feet of drywall

G=good
D=damaged
SD=severely damaged
SF=square feet
LF=lineal feet

ND=none detected
*= multiple layers

PHASE 7 – BASEMENT BOILER SAMPLE AND MATERIAL LOCATIONS DRAWING



LEGEND

- ROOM NUMBERS
- ASBESTOS BULK SAMPLE LOCATIONS (DETECT)
- EXTERIOR WINDOW GLAZING AND CAULKING (DETECT)
- TRACE ASBESTOS BULK SAMPLE LOCATIONS
- NON-ASBESTOS BULK SAMPLE LOCATIONS
- FIBERGLASS
- BULK DETECT
- AIR CELL
- BOILER GASKET (DETECT)



COLONIAL MANOR MOTEL
2615 EAST 46TH AVENUE
DENVER, CO
(Not to Scale)

FEI Project #AS18039

Approved by: DH

Foothills Environmental, Inc.

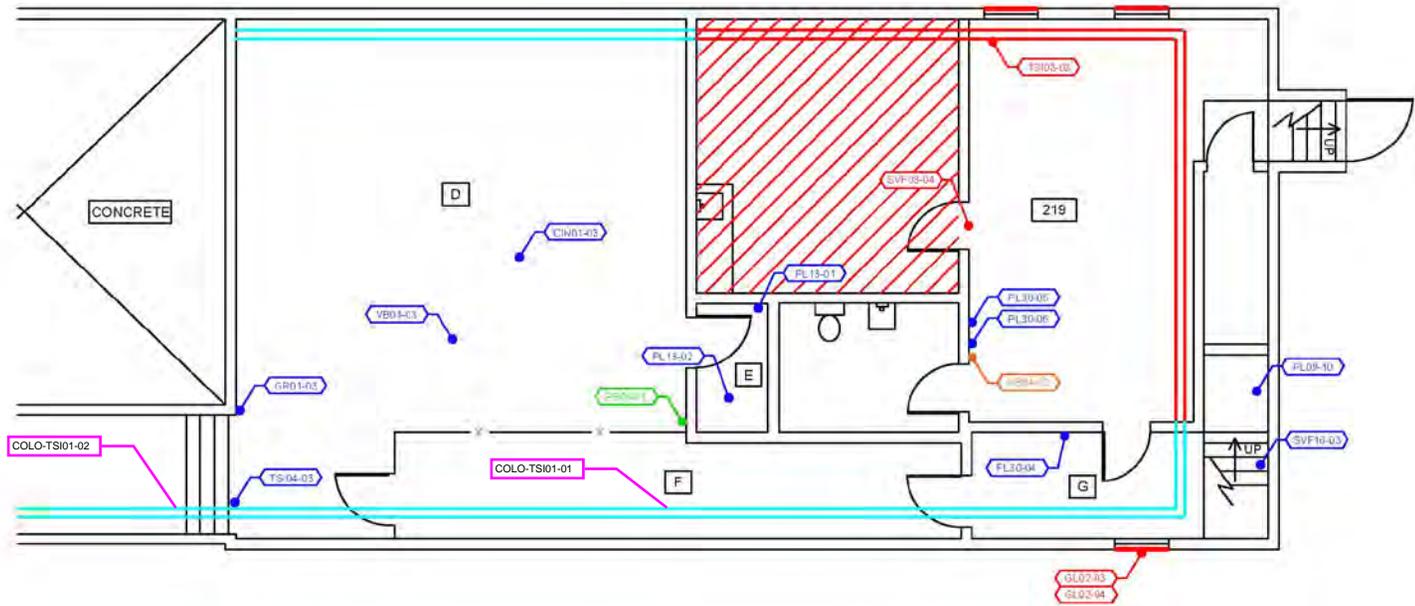
11099 W 8th Avenue
Lakewood, CO 80215

Date: 03/16/18

Drawn By: NDV

Figure
1

**PHASE 8 – BASEMENT RM 219
SAMPLE AND MATERIAL LOCATIONS DRAWING**



LEGEND			
	ROOM NUMBERS		FIBERGLASS
	ASBESTOS BULK SAMPLE LOCATIONS (DETECT)		FLOORING (DETECT)
	ASBESTOS BULK SAMPLE LOCATIONS (NON-DETECT)		TSI
	TRACE ASBESTOS BULK SAMPLE LOCATIONS		EXTERIOR WINDOW GLAZING AND CAULKING (DETECT)
			LEAD-BASED PAINT SAMPLE LOCATIONS (DETECT)
			LEAD-BASED PAINT SAMPLE LOCATIONS (NON-DETECT)

Approximate Scale in Feet

COLONIAL MANOR MOTEL 2615 EAST 46TH AVENUE DENVER, CO (Not to Scale)	FEI Project #AS18049	Date: 03/02/18	Figure 2
	Approved by: DH	Drawn By: NDV	
Foothills Environmental, Inc. 11099 W 8 th Avenue Lakewood, CO 80215			

8. Containment Exit/Entry Logs

JKS INDUSTRIES

CONTAINMENT SIGN-IN & SIGN-OUT SHEET

Thursday

Job Name:

Job #:

Date: 02-15-18

NAME	SIGN-IN	SIGN-OUT	SIGN-IN	SIGN-OUT
1. Francisco Felipe	4:00 Pm	5:10		
2. Martin Mendez	4:00 Pm	5:10		
3. Micaela Esteban	4:00 Pm	5:10		
4. Aurora Lopez	4:00 Pm	5:15		
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JKS INDUSTRIES

Phase #3

CONTAINMENT SIGN-IN & SIGN-OUT SHEET

Job Name:

Job #:

Date: 2 . 15 . 18

	NAME	SIGN-IN	SIGN-OUT	SIGN-IN	SIGN-OUT
1.	Geo Thomas	2:00	5:00		
2.	Dennis Mijia	1:15	5:00		
3.	Antonio Perez	1:12	5:00		
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JKS INDUSTRIES

CONTAINMENT SIGN-IN & SIGN-OUT SHEET

Job Name: Phase # 2

Job #: 18-300

Date: 2-16-18

NAME	SIGN-IN	SIGN-OUT	SIGN-IN	SIGN-OUT
1. Martin Menjivar	7:45	12:00	1:00	5:30
2. Mikaela Esteban	7:45	12:00	1:00	5:30
3. Aurora de Paz	7:45	12:00	1:00	5:30
4. Carlos Luch	8:30	12:00	1:00	5:30
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JKS INDUSTRIES

CONTAINMENT SIGN-IN & SIGN-OUT SHEET

Job Name: Colonial matet Phase #3
Job #: 18.300

Date: 2.16.18

	NAME	SIGN-IN	SIGN-OUT	SIGN-IN	SIGN-OUT
1.	Geo Thomas			3:30	5:20
2.	Dennis Mejia	7:49	11:50	1:30	5:20
3.	Victor Lema	7:50	11:50	1:30	3:20
4.	Joseph Ramirez	7:50	11:50	1:30	5:20
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Phase # 2

**Environmental Projects Only

JKS INDUSTRIES

CONTAINMENT SIGN-IN & SIGN-OUT SHEET

Job Name:

Job #:

Date: 2-17-18

NAME	SIGN-IN	SIGN-OUT	SIGN-IN	SIGN-OUT
1. Carlos Luch	8:50	12:00	1:00	4:50
2. Dura de paz	8:00	12:00	1:00	4:00
3. Martin Neusiva	8:00	12:00	1:00	4:50
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Phase [#]3

JKS INDUSTRIES

CONTAINMENT SIGN-IN & SIGN-OUT SHEET

Job Name:

Job #:

Date: 02-17-18

NAME	SIGN-IN	SIGN-OUT	SIGN-IN	SIGN-OUT
1. Joseph Ramirez	7:49	11:45		
2. Victor Lerma	7:50	1:40		
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Phase # 2

**Environmental Projects Only

JKS INDUSTRIES

CONTAINMENT SIGN-IN & SIGN-OUT SHEET

Job Name:

Job #:

Date: 02-19-18

	NAME	SIGN-IN	SIGN-OUT	SIGN-IN	SIGN-OUT
1.	Hyra De Paz	7:00	12:00	—	—
2.	Micaela Esteban	7:03	12:00	—	—
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Phase # 4

**Environmental Projects Only

JKS INDUSTRIES

CONTAINMENT SIGN-IN & SIGN-OUT SHEET

Job Name:

Job #:

Date: 02-19-18

	NAME	SIGN-IN	SIGN-OUT	SIGN-IN	SIGN-OUT
1.	Micaela Esteban	7:15	14:45	1:03	3:15
2.	Francisco Felipe	7:16	11:48	1:06	1:16
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Phase # 4

**Environmental Projects Only

JKS INDUSTRIES

CONTAINMENT SIGN-IN & SIGN-OUT SHEET

Job Name:

Job #:

Date:

02-21-19

NAME	SIGN-IN	SIGN-OUT	SIGN-IN	SIGN-OUT
1. Micaelac Esteban	7:30	11:49	1:03	4:15
2. Francisco S Felipe	7:30	11:45	1:04	4:18
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Phase # 7

**Environmental Projects Only

JKS INDUSTRIES

CONTAINMENT SIGN-IN & SIGN-OUT SHEET

Job Name:

Job #:

Date: 02-21-2018

	NAME	SIGN-IN	SIGN-OUT	SIGN-IN	SIGN-OUT
1.	Antoine Perez	10:00	11:50	1:15	4:49
2.	Dennis Mejia	9:45	11:50	1:15	4:51
3.	Joseph Ramirez	9:46	11:50	1:00	4:56
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Phase # 7

**Environmental Projects Only

JKS INDUSTRIES

CONTAINMENT SIGN-IN & SIGN-OUT SHEET

Job Name:

Job #:

Date: 02-22-2018

	NAME	SIGN-IN	SIGN-OUT	SIGN-IN	SIGN-OUT
1.	Dennis Mejia	7:45	11:59	}	}
2.	Joseph	7:50	4:10		
3.	Antoine Perez	8:10	5:00		
4.	David Schlot	2:50 PM	4:00 PM		
5.	Franco's Felipe	2: PM	5:20		
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Phase # 8

**Environmental Projects Only

JKS INDUSTRIES

CONTAINMENT SIGN-IN & SIGN-OUT SHEET

Job Name:

Job #:

Date: 8-22-18

	NAME	SIGN-IN	SIGN-OUT	SIGN-IN	SIGN-OUT
1.	Duran de Paz	8:00	12:00	1:00	5:00
2.	Martin Menjivar	7:55	12:00	1:00	5:00
3.	F. Felipe	7:54	8:30	7:00	
4.	Micaela Esteban	8:00	12:00	1:00	5:00
5.	Carlos Juan	10:00	12:00	1:00	5:00
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Phase # 7

**Environmental Projects Only

JKS INDUSTRIES

CONTAINMENT SIGN-IN & SIGN-OUT SHEET

Job Name:

Job #:

Date:

2/23/18

	NAME	SIGN-IN	SIGN-OUT	SIGN-IN	SIGN-OUT
1.	Dennis Najon	7:10	12:00	1:08	4:49
2.	Francisco Felipe	7:12	12:01	1:06	4:51
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Phase #8

**Environmental Projects Only

JKS INDUSTRIES

CONTAINMENT SIGN-IN & SIGN-OUT SHEET

Job Name:

Job #:

Date: 2-23-18

NAME	SIGN-IN	SIGN-OUT	SIGN-IN	SIGN-OUT
1. Denis MeSia	7:05	12:00	1:02	2:00
2. Francisco S-Felipe	7:05	12:06	1:10	3:45
3. Micaela Esteban	7:06	12:01	1:12	3:41
4. Martin Menivar	7:06	12:05	1:09	3:49
5. David Schlote	1:15	12:14	1:13	3:47
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Phase # 9

**Environmental Projects Only

JKS INDUSTRIES

CONTAINMENT SIGN-IN & SIGN-OUT SHEET

Job Name:

Job #:

Date: 02-26-18

NAME	SIGN-IN	SIGN-OUT	SIGN-IN	SIGN-OUT
1. Francisco Felipe	7:45	11:45	1:01	3:15
2. Micaela Esteban	7:47	11:51	1:03	3:16
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JKS INDUSTRIES

CONTAINMENT SIGN-IN & SIGN-OUT SHEET

Job Name:

Job #:

Date: 2-27-18

NAME	SIGN-IN	SIGN-OUT	SIGN-IN	SIGN-OUT
1. Martin Meunier	8:15	11:49	1:00	5:00
2. Dennis Mevia	8:12	11:48	1:09	
3. Victor Terwa	8:10	12:00	1:00	
4. Antoine Perez	8:18	12:00	1:00	
5. Joseph Ramirez	8:20	12:00	1:00	
6. Carlos Luch	10:00	11:00	1:30	5:00
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Phase # 8

**Environmental Projects Only

JKS INDUSTRIES

CONTAINMENT SIGN-IN & SIGN-OUT SHEET

Job Name:

Job #:

Date: 02-27-18

NAME	SIGN-IN	SIGN-OUT	SIGN-IN	SIGN-OUT
1. Francisca Felipa	7:20	11:50	1:05	4:45
2. Micaela Esteban	7:20	11:55	1:05	4:50
3. Aurora de paz	7:20	11:55	1:05	4:50
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JKS INDUSTRIES

CONTAINMENT SIGN-IN & SIGN-OUT SHEET

Job Name:

Job #:

Date: 28
2-28-18

NAME	SIGN-IN	SIGN-OUT	SIGN-IN	SIGN-OUT
1. Dennis Mejia	7:15	11:54	1:00	4:00
2. Victor Lerma	7:18	12:00	1:00	
3. Martin Mejia	7:10	12:00	1:00	
4. Joseph Ramirez	7:05	12:00	1:00	
5. Antoine Perez	7:15	12:00	1:00	
6. Carlos Luna	8:00	12:00	1:00	5:00
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Phase # ~~8~~ 7

**Environmental Projects Only

JKS INDUSTRIES

CONTAINMENT SIGN-IN & SIGN-OUT SHEET

Job Name:

Job #:

Date: 2-28-18

	NAME	SIGN-IN	SIGN-OUT	SIGN-IN	SIGN-OUT
1.	Felipe	7:00	11:45	1:16	4:16
2.	Micaela	7:00	11:45	1:11	4:20
3.	Aura	7:00	11:00	1:13	4:18
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JKS INDUSTRIES

CONTAINMENT SIGN-IN & SIGN-OUT SHEET

Job Name:

Job #:

Date:

3-01-18

NAME	SIGN-IN	SIGN-OUT	SIGN-IN	SIGN-OUT
1. Maximiliano 7:15	7:15	12:00	1:00	5:50
2. Victor Texeira 7:18	7:18	12:00	1:00	5:50
3. Antoine Perez 7:15	7:15	12:00	1:00	5:50
4. Dennis Mejia 7:14	7:14	11:58	1:00	5:00
5. Steven Perez 7:15	7:15	12:00	1:00	5:50
6. Joseph Ramirez 7:20	7:20	12:50	1:00	5:50
7. Carlos Sanchez 8:00	8:00	12:00	1:00	5:50
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**Environmental Projects Only

INDUSTRIES

CONTAINMENT SIGN-IN & SIGN-OUT SHEET

Job Name:

Job #:

Date: 03-01-18

NAME	SIGN-IN	SIGN-OUT	SIGN-IN	SIGN-OUT
1. <u>Miruela Esteban</u>	<u>7:10</u>	<u>11:49</u>	<u>12:03</u>	<u>4:59</u>
2. <u>Aura De Paz</u>	<u>7:18</u>	<u>11:52</u>	<u>12:06</u>	<u>4:49</u>
3. <u>Francisco Felipe</u>	<u>7:20</u>	<u>11:53</u>	<u>12:11</u>	<u>4:57</u>
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JKS INDUSTRIES

CONTAINMENT SIGN-IN & SIGN-OUT SHEET

~~03-05-18~~

Job Name:

Job #:

Date:

3-2-18

	NAME	SIGN-IN	SIGN-OUT	SIGN-IN	SIGN-OUT
1.	Carlos Luck	7:15	12:00	1:00	2:30
2.	Antoine Perez	7:15	12:00	1:00	2:30
3.	Martin Mendez	7:15	12:00	1:00	2:30
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Phase # 7

**Environmental Projects Only

JKS INDUSTRIES

CONTAINMENT SIGN-IN & SIGN-OUT SHEET

Job Name:

Job #:

Date: 03-05-18

NAME	SIGN-IN	SIGN-OUT	SIGN-IN	SIGN-OUT
1. Francisco Felipe	9:16	12:03	1:06	3:15
2. Mirraela Esteban	9:14	12:05	1:08	3:18
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phase # 11

**Environmental Projects Only

JKS INDUSTRIES

CONTAINMENT SIGN-IN & SIGN-OUT SHEET

Job Name: I-70
Job #: 18-300

Date: 3-6-18

	NAME	SIGN-IN	SIGN-OUT	SIGN-IN	SIGN-OUT
1.	Irving (Grajeda)	1:15		1:15	5:00
2.	Antoine Perez	1:15		1:18	
3.	Francisco Filipe	1:16		1:16	
4.	Joseph R			1:15	
5.	Henry Mejia			1:14	
6.	Dennis Mejia			1:13	
7.	Maximo Mejia			1:18	5:00
8.	Henry Mejia				
9.	David S.			1:17	5:00
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Phase #11

**Environmental Projects Only

JKS INDUSTRIES

CONTAINMENT SIGN-IN & SIGN-OUT SHEET

Job Name:

Job #:

Date: 03-07-18

NAME	SIGN-IN	SIGN-OUT	SIGN-IN	SIGN-OUT
1. Francisco Felipe	7:00	11:50	1:05	4:46
2. Irving Grajeda	7:00	12:00	1:50	4:51
3. Martin Mena	7:00	11:49	1:00	4:49
4. Henry Mejia	7:00	12:00	1:00	4:53
5. [unclear]	7:00	12:00	1:00	4:56
6. Victor Lerman	7:00	12:00	1:00	4:58
7. Joseph Ramirez	7:00	11:49	1:00	2:05
8. David Schlotz	7:00	11:49	1:00	4:15 4:15
9. Carlos Juez	—	—	1:00	4:16
10. Adam Rene	7:00	12:00	1:00	4:50
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				

Phase #11

**Environmental Projects Only

JKS INDUSTRIES

CONTAINMENT SIGN-IN & SIGN-OUT SHEET

Job Name:

Job #:

Date: 03-08-18

NAME	SIGN-IN	SIGN-OUT	SIGN-IN	SIGN-OUT	
1. Francisco Felipe	7:03	12:00	1:07	5:00	
2. Martir Menjivar	7:07	12:01	1:10	}	
3. Henry Mejia	7:12	12:00	1:08		
4. Victor Lerma	7:10		1:03		
5. Joseph Ramirez	7:04	12:00	1:04		
6. David Scholote	7:00	12:00	1:00		
7. Antonio Perez	7:06	8:30	1:03		
8. Celso Salas	7:01	12:00	1:02		
9. Carlos Lud	10:00	12:05	1:10		
10. Dennis Mejia	7:10	11:50	1:07		5:00
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					

Phase # 11

**Environmental Projects Only

JKS INDUSTRIES

CONTAINMENT SIGN-IN & SIGN-OUT SHEET

Job Name:

Job #:

Date:

03 / 09 / 18

NAME	SIGN-IN	SIGN-OUT	SIGN-IN	SIGN-OUT
1. Francisco Felipe	7:00	12:00	1:00	3:00
2. Morfir Mejia	7:03	12:00	1:00	3:00
3. Victor Lerma	7:04	12:00	—	—
4. Antoine Perez	7:05	12:00	1:00	3:00
5. Dennis Mejia	7:10	12:00	—	—
6. Carlos Luch	7:30	12:00	1:00	3:00
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				

JKS INDUSTRIES

CONTAINMENT SIGN-IN & SIGN-OUT SHEET

Job Name:

Job #:

Date: 3-12-18

	NAME	SIGN-IN	SIGN-OUT	SIGN-IN	SIGN-OUT
1.	Carlos Luch	7:00	12:00	—	—
2.	Antoine Perez	7:00	12:00	—	—
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					

9.JKS Safety Documentation

JKS	TOOLBOX MEETING HAZARD ANALYSIS
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02-12/02-17

Project Name/Location: <i>2615 E 46th Av</i>	Date: <i>02-16-18</i>	Phase of Work: <i>Phase #2 #3</i>	Project Leader: <i>Miguel Leon</i>
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Safety Topic of The Day: <i>Respirator, Full PPE / housekeeping slip-trip-fall cold weather</i>	Evacuation Assembly Area: <div style="text-align: center; font-size: 1.2em;"><i>Main Office</i></div>
--	--

Job Scope: <i>Asbestos Removal / General Cleanout</i>	Tools/Equipment in use Today: <i>Air less sprayer - Neg Air Machines - Ladders crow bars - small tools.</i>
--	--

Previous Shift Near Miss: *None*

Safety Concerns from Crew

-Revise MSDS (mastic Remover)

DAILY INSPECTIONS
(Ensure completion) * Attach written record

- | | | |
|---|---|---|
| <ul style="list-style-type: none"> * Abatement Containment & Safety Controls o Access Ways * Aerial Lifts o * Cranes Electrical Cords (GFCI) Excavations/Protective Systems | <ul style="list-style-type: none"> o Explosive Tools o Fall Protection Equipment <input checked="" type="checkbox"/> Hand Tools o * Heavy Equipment/Forklift <input checked="" type="checkbox"/> Housekeeping <input checked="" type="checkbox"/> Ladders | <ul style="list-style-type: none"> o * Lock Out Tagout <input checked="" type="checkbox"/> Power Tools <input checked="" type="checkbox"/> PPE/Clothing - All o Rigging o Scaffolding o Vehicles (*Document weekly) |
|---|---|---|

TODAYS SOURCE OF POTENTIAL HAZARDS
(Check all that apply and identify related controls below)

- | | | | |
|--|--|---|---|
| <ul style="list-style-type: none"> o Aerial Work Equipment X Asbestos Containing Material o Awkward or static position o Block & Tackle o Chemical Exposure - List Below (Flammable/Reactive) <input checked="" type="checkbox"/> Cold/Heat Stress o Combustible Material o Compressor o Confined Space (PRCS?) o Construction Materials (cement, resins, alcohol, lime, toluene, metalworking oil, paint, turpentine, dust, adhesive) o Contact with moving parts or equipment o Contact with utilities | <ul style="list-style-type: none"> o Containers o Conveyors o Corrosive Material o Demolition. o Electrical o Elevated loads o Excavation o Explosive material o Exposure To: <ul style="list-style-type: none"> o Excessive noise o Excessive vibration o Harmful gas, vapors o Harmful radiation Falling, Flying objects o Flammable material o Generator o Grounds equipment Hand tools | <ul style="list-style-type: none"> o Heaters/Boilers o Heavy equipment o Heavy lifting, pushing reaching or bending o High pressure water/Air o Hot/Cold surfaces / environment <input checked="" type="checkbox"/> Housekeeping o Inadequate lighting o Inhalation of...(list below) <input checked="" type="checkbox"/> Ladders o Lifting equipment o Line of Fire o Machinery in motion o Manual Lifting o Movement of Equipment o Overhead hazards o Overhead Utilities <input checked="" type="checkbox"/> Pinch Points o Pipelines/Tank-above/below grade | <ul style="list-style-type: none"> o Poisonous plants/Insects o Pressurized Cylinders (Gas, water, air) o Pressurized Lines o Repetitive Motion-ergonomic o Rough terrain o Scaffold o Sharp Objects <input checked="" type="checkbox"/> Slip/Trip/Fall <6' <input checked="" type="checkbox"/> Slippery Surfaces o Structural integrity o Trenches o Underground Utilities o Uneven surfaces >19" o Vehicle Use <input checked="" type="checkbox"/> Weather o Welding/Cutting o Work at Height >6' |
|--|--|---|---|

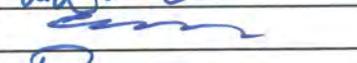
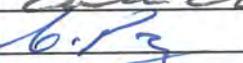
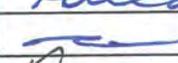
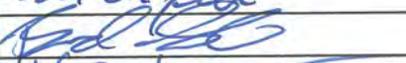
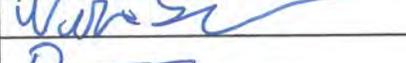
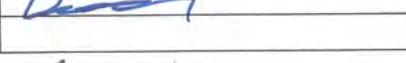
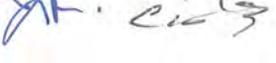
CONTROLS
Discuss When Daily Tasks are Assigned
✓ Required control on all projects

JKS	TOOLBOX MEETING HAZARD ANALYSIS
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ADMINISTRATIVE:	ENGINEERING:	TRAINING/CERTIFICATIONS:	PERMITS:
<ul style="list-style-type: none"> <input type="checkbox"/> Audits <input checked="" type="checkbox"/> Buddy System <input type="checkbox"/> Certified Operators <input type="checkbox"/> Competent Person- (Identify activity & person on yellow card) <input type="checkbox"/> Confined Space Program <input type="checkbox"/> Daily meeting records <input type="checkbox"/> Drug and Alcohol Policy <input type="checkbox"/> Dust Control Program <input type="checkbox"/> Emergency Response Plan <input type="checkbox"/> Fall Protection Plan <input checked="" type="checkbox"/> Fire Extinguisher type and monthly inspection <input type="checkbox"/> Fire Prevention Plan <input type="checkbox"/> First Aid Kit <input type="checkbox"/> HAZCOM Plan, MSDS <input type="checkbox"/> Health & Safety Plan <input type="checkbox"/> Medical Surveillance <input type="checkbox"/> Personal Hygiene Site Security <input type="checkbox"/> Spotters <input type="checkbox"/> Utility Locate 	<ul style="list-style-type: none"> <input type="checkbox"/> AHA For specific task <input type="checkbox"/> Barriers/Fencing <input type="checkbox"/> Energy Isolation (LOTO) <input type="checkbox"/> Ergonomic <input type="checkbox"/> Excavation spoils >2 feet from edge <input checked="" type="checkbox"/> Eye Wash Station <input type="checkbox"/> Adequate Lighting (w/guards) <input type="checkbox"/> X 10lb equipment extinguisher <input checked="" type="checkbox"/> Housekeeping <input type="checkbox"/> Heat/Cold Protection <input type="checkbox"/> Lashing of Pneumatic connections <input type="checkbox"/> Machinery guards <input type="checkbox"/> Management of Change <input type="checkbox"/> Noise Protection <input checked="" type="checkbox"/> PPE -Z87 eye, vest, suitable boots, hard hat, gloves,(other) <input type="checkbox"/> Pressurized cylinders proper Storage/Use/Transportation <input type="checkbox"/> Protection from Falling Objects - barricade, nets, secure items. <input type="checkbox"/> Safety Fuel Cans>1 gallon <input type="checkbox"/> Shoring/Sloping/Benching <input type="checkbox"/> Temp. heater plan/location <input type="checkbox"/> Traffic Control <input checked="" type="checkbox"/> Ventilation 	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> First Aid/CPR designate <input checked="" type="checkbox"/> Asbestos Certificate <input type="checkbox"/> Bloodborne Pathogen Awareness <input type="checkbox"/> Confined Space <input type="checkbox"/> Cranes/Hoists <input type="checkbox"/> Electrical Journeyman <input type="checkbox"/> Emergency Response <input type="checkbox"/> Excavation/Trenching <input type="checkbox"/> Explosive tools <input type="checkbox"/> Fall Protection <input type="checkbox"/> Fire Prevention <input type="checkbox"/> Forklift <input type="checkbox"/> HAZCOM <input type="checkbox"/> HAZWOPER <input type="checkbox"/> Hearing Protection <input type="checkbox"/> Incident reporting <input checked="" type="checkbox"/> Ladders/Scaffolds Competent person for use, inspection and erection <input type="checkbox"/> Lead Awareness <input type="checkbox"/> Lockout Tagout Awareness <input type="checkbox"/> Powered Platforms <input checked="" type="checkbox"/> PPE Training <input type="checkbox"/> Sub Contractor Pre-Qualification & competent person documents <input type="checkbox"/> Welding/Cutting <input checked="" type="checkbox"/> Respiratory Protection Plan 	<ul style="list-style-type: none"> <input type="checkbox"/> Access Road Plan <input checked="" type="checkbox"/> Asbestos Plan <input type="checkbox"/> Confined Space Entry <input type="checkbox"/> Critical Lift Plan <input type="checkbox"/> Energized Work <input type="checkbox"/> Energy Isolation <input type="checkbox"/> Excavation <input type="checkbox"/> H&S posters, date of last lost workday <input type="checkbox"/> Hot Work <input checked="" type="checkbox"/> Ladders/Stairways/Scaffold tag system <input type="checkbox"/> OSHA 300 log (2/1-4/30) <input type="checkbox"/> Project Board <input type="checkbox"/> Scaffold certificate <input type="checkbox"/> Stop Work tracking & correction <input checked="" type="checkbox"/> Spills <input type="checkbox"/> Trenching <input type="checkbox"/> Waste Mgt. Plan <input type="checkbox"/> Working at Height

COMMENTS/OTHER:

ATTENDANCE(attach second page if needed)

PRINT NAME	SIGNATURE
Geo Thomas	
Joseph Hamilet	
Victor Lerman	
Cooks	
Dennis Mejia	
Andrew Williams	
Arbain Kerez	
Micaela Esteban	
Aura de Paz	
Jerry Abeyta	
Franisco & Felipe	
Martín Muñoz	
Brad Small	
Victor Lerman	
Dennis Mejia	
Jerry Abeyta	
Joseph Hamilet	

JKS	TOOLBOX MEETING HAZARD ANALYSIS
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Project Name/Location: <i>Colonial Motel</i>	Date: <i>02-19-18</i>	Phase of Work: <i>Phase #4 & #5</i>	Project Leader: <i>Miguel Leon</i>
Safety Topic of The Day:		Evacuation Assembly Area: <i>Main Office</i>	
Job Scope: <i>Setup Containment - Removal - Final Detail</i>		Tools/Equipment in use Today: <i>Hammer - staple gun - ladders - Airless sprayer - NAM - Vacuum</i>	
Previous Shift Near Miss: <i>None</i>			

Safety Concerns from Crew

*- slips trip and falls
- Pinch points*

DAILY INSPECTIONS
(Ensure completion) * Attach written record

<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Abatement Containment & Safety Controls <input type="checkbox"/> Access Ways * Aerial Lifts <input type="checkbox"/> Cranes <input type="checkbox"/> Electrical Cords (GFCI) <input type="checkbox"/> Excavations/Protective Systems 	<ul style="list-style-type: none"> <input type="checkbox"/> Explosive Tools <input type="checkbox"/> Fall Protection Equipment <input checked="" type="checkbox"/> Hand Tools <input type="checkbox"/> * Heavy Equipment/Forklift <input checked="" type="checkbox"/> Housekeeping <input checked="" type="checkbox"/> Ladders 	<ul style="list-style-type: none"> <input type="checkbox"/> * Lock Out Tagout <input type="checkbox"/> Power Tools <input checked="" type="checkbox"/> PPE/Clothing - All <input type="checkbox"/> Rigging <input type="checkbox"/> Scaffolding <input type="checkbox"/> Vehicles (*Document weekly)
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TODAYS SOURCE OF POTENTIAL HAZARDS
(Check all that apply and identify related controls below)

<ul style="list-style-type: none"> <input type="checkbox"/> Aerial Work Equipment <input checked="" type="checkbox"/> Asbestos Containing Material <input type="checkbox"/> Awkward or static position <input type="checkbox"/> Block & Tackle <input type="checkbox"/> Chemical Exposure - List Below (Flammable/Reactive) <input checked="" type="checkbox"/> Cold/Heat Stress <input type="checkbox"/> Combustible Material <input type="checkbox"/> Compressor <input type="checkbox"/> Confined Space (PRCS?) <input checked="" type="checkbox"/> Construction Materials (cement, resins, alcohol, lime, toluene, metalworking oil, paint, turpentine, dust, adhesive) <input type="checkbox"/> Contact with moving parts or equipment <input checked="" type="checkbox"/> Contact with utilities 	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Containers <input type="checkbox"/> Conveyors <input type="checkbox"/> Corrosive Material <input type="checkbox"/> Demolition <input checked="" type="checkbox"/> Electrical <input type="checkbox"/> Elevated loads <input type="checkbox"/> Excavation <input type="checkbox"/> Explosive material <input type="checkbox"/> Exposure To: <input type="checkbox"/> Excessive noise <input type="checkbox"/> Excessive vibration <input type="checkbox"/> Harmful gas, vapors <input type="checkbox"/> Harmful radiation <input type="checkbox"/> Falling, Flying objects <input type="checkbox"/> Flammable material <input type="checkbox"/> Generator <input type="checkbox"/> Grounds equipment <input type="checkbox"/> Hand tools 	<ul style="list-style-type: none"> <input type="checkbox"/> Heaters/Boilers <input type="checkbox"/> Heavy equipment <input type="checkbox"/> Heavy lifting, pushing reaching or bending <input type="checkbox"/> High pressure water/Air <input checked="" type="checkbox"/> Hot/Cold surfaces / environment <input checked="" type="checkbox"/> Housekeeping <input type="checkbox"/> Inadequate lighting <input type="checkbox"/> Inhalation of...(list below) <input checked="" type="checkbox"/> Ladders <input type="checkbox"/> Lifting equipment <input type="checkbox"/> Line of Fire <input type="checkbox"/> Machinery in motion <input checked="" type="checkbox"/> Manual Lifting <input type="checkbox"/> Movement of Equipment <input type="checkbox"/> Overhead hazards <input checked="" type="checkbox"/> Overhead Utilities <input checked="" type="checkbox"/> Pinch Points <input type="checkbox"/> Pipelines/Tank-above/below grade 	<ul style="list-style-type: none"> <input type="checkbox"/> Poisonous plants/Insects <input type="checkbox"/> Pressurized Cylinders (Gas, water, air) <input type="checkbox"/> Pressurized Lines <input type="checkbox"/> Repetitive Motion-ergonomic <input type="checkbox"/> Rough terrain <input type="checkbox"/> Scaffold <input checked="" type="checkbox"/> Sharp Objects <input checked="" type="checkbox"/> Slip/Trip/Fall <6' <input checked="" type="checkbox"/> Slippery Surfaces <input type="checkbox"/> Structural integrity <input type="checkbox"/> Trenches <input type="checkbox"/> Underground Utilities <input type="checkbox"/> Uneven surfaces >19" <input type="checkbox"/> Vehicle Use <input type="checkbox"/> Weather <input type="checkbox"/> Welding/Cutting <input type="checkbox"/> Work at Height >6'
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CONTROLS
Discuss When Daily Tasks are Assigned
✓ Required control on all projects

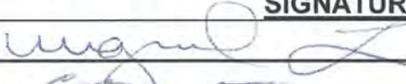
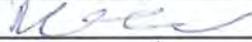
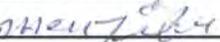
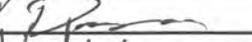
JKS

**TOOLBOX MEETING
HAZARD ANALYSIS**

ADMINISTRATIVE:	ENGINEERING:	TRAINING/CERTIFICATIONS:	PERMITS:
<ul style="list-style-type: none"> <input type="checkbox"/> Audits <input type="checkbox"/> Buddy System <input type="checkbox"/> Certified Operators <input type="checkbox"/> Competent Person- (Identify activity & person on yellow card) <input type="checkbox"/> Confined Space Program <input type="checkbox"/> Daily meeting records <input type="checkbox"/> Drug and Alcohol Policy <input type="checkbox"/> Dust Control Program <input type="checkbox"/> Emergency Response Plan <input type="checkbox"/> Fall Protection Plan <input type="checkbox"/> Fire Extinguisher type and monthly inspection <input type="checkbox"/> Fire Prevention Plan <input type="checkbox"/> First Aid Kit <input type="checkbox"/> HAZCOM Plan, MSDS <input type="checkbox"/> Health & Safety Plan <input type="checkbox"/> Medical Surveillance <input type="checkbox"/> Personal Hygiene Site Security <input type="checkbox"/> Spotters <input type="checkbox"/> Utility Locate 	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> AHA For specific task <input type="checkbox"/> Barriers/Fencing <input type="checkbox"/> Energy Isolation (LOTO) <input type="checkbox"/> Ergonomic <input type="checkbox"/> Excavation spoils >2 feet from edge <input checked="" type="checkbox"/> Eye Wash Station <input type="checkbox"/> Adequate Lighting (w/guards) <input type="checkbox"/> X 10lb equipment extinguisher <input checked="" type="checkbox"/> Housekeeping <input type="checkbox"/> Heat/Cold Protection <input type="checkbox"/> Lashing of Pneumatic connections <input type="checkbox"/> Machinery guards <input type="checkbox"/> Management of Change <input type="checkbox"/> Noise Protection <input type="checkbox"/> PPE -Z87 eye, vest, suitable boots, hard hat, gloves,(other) <input type="checkbox"/> Pressurized cylinders proper Storage/Use/Transportation <input type="checkbox"/> Protection from Falling Objects - barricade, nets, secure items. <input type="checkbox"/> Safety Fuel Cans>1 gallon <input type="checkbox"/> Shoring/Sloping/Benching <input type="checkbox"/> Temp. heater plan/location <input type="checkbox"/> Traffic Control <input type="checkbox"/> Ventilation 	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> First Aid/CPR designate <input checked="" type="checkbox"/> Asbestos Certificate <input type="checkbox"/> Bloodborne Pathogen Awareness <input type="checkbox"/> Confined Space <input type="checkbox"/> Cranes/Hoists <input type="checkbox"/> Electrical Journeyman <input type="checkbox"/> Emergency Response <input type="checkbox"/> Excavation/Trenching <input type="checkbox"/> Explosive tools <input type="checkbox"/> Fall Protection <input type="checkbox"/> Fire Prevention <input type="checkbox"/> Forklift <input type="checkbox"/> HAZCOM <input type="checkbox"/> HAZWOPER <input type="checkbox"/> Hearing Protection <input type="checkbox"/> Incident reporting <input checked="" type="checkbox"/> Ladders/Scaffolds Competent person for use, inspection and erection <input type="checkbox"/> Lead Awareness <input type="checkbox"/> Lockout Tagout Awareness <input type="checkbox"/> Powered Platforms <input checked="" type="checkbox"/> PPE Training <input type="checkbox"/> Sub Contractor Pre-Qualification & competent person documents <input type="checkbox"/> Welding/Cutting <input checked="" type="checkbox"/> Respiratory Protection Plan 	<ul style="list-style-type: none"> <input type="checkbox"/> Access Road Plan <input checked="" type="checkbox"/> Asbestos Plan <input type="checkbox"/> Confined Space Entry <input type="checkbox"/> Critical Lift Plan <input type="checkbox"/> Energized Work <input type="checkbox"/> Energy Isolation <input type="checkbox"/> Excavation <input type="checkbox"/> H&S posters, date of last lost workday <input type="checkbox"/> Hot Work <input checked="" type="checkbox"/> Ladders/Stairways/ Scaffold tag system <input type="checkbox"/> OSHA 300 log (2/1-4/30) <input type="checkbox"/> Project Board <input type="checkbox"/> Scaffold certificate <input checked="" type="checkbox"/> Stop Work tracking & correction <input type="checkbox"/> Spills <input type="checkbox"/> Trenching <input type="checkbox"/> Waste Mgt. Plan <input type="checkbox"/> Working at Height

COMMENTS/OTHER:

ATTENDANCE(attach second page if needed)

PRINT NAME	SIGNATURE
Miguel Leon	
Carlos Luna	
Juan D. Ruiz	
Miguel Esteban	
MARTIN MENDOZA	
Andrew Williams	
Francisco J. Felipe	
Antonio Perez	
Joseph Ramirez	
Dennis Mejia	
Victor Cerme	

10. Kiewit Safety Documentation

HAZARD ANALYSIS

DATE PREPARED: 02-15-18 PREPARED BY: Miguel Leon

OPERATION: Asbestos Abatement

STEP BY STEP PLAN:

1 <u>Set up Containment</u>
2 <u>Removal</u>
3 <u>Final Clean</u>
4 <u>Load Out waste</u>
5
6

Access Identification

Location	Type

Ergonomic risks

Lifting	<input type="checkbox"/>
Repetitive Motion	<input type="checkbox"/>
Vibration	<input type="checkbox"/>
Awkward Position	<input type="checkbox"/>

Strategic Risks	Evident Risk	Needs Special Planning
Equipment	<input type="checkbox"/>	<input type="checkbox"/>
Exposure to Falls	<input type="checkbox"/>	<input type="checkbox"/>
Confined Space	<input type="checkbox"/>	<input type="checkbox"/>
Traffic	<input type="checkbox"/>	<input type="checkbox"/>
Trenching / Excavation	<input type="checkbox"/>	<input type="checkbox"/>
Lock-Out / Tag-out	<input type="checkbox"/>	<input type="checkbox"/>
MSDS Attached	<input type="checkbox"/>	<input type="checkbox"/>
Utilities	<input type="checkbox"/>	<input type="checkbox"/>
Electrical	<input type="checkbox"/>	<input type="checkbox"/>
Critical Lift Plan	<input type="checkbox"/>	<input type="checkbox"/>
On the Spot Lift Plan	<input type="checkbox"/>	<input type="checkbox"/>
Steel Erection	<input type="checkbox"/>	<input type="checkbox"/>
Night Work	<input type="checkbox"/>	<input type="checkbox"/>
Falsework / Shoring	<input type="checkbox"/>	<input type="checkbox"/>
Other Safety risks	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>

Unique PPE	Required
Cutting Goggles	<input type="checkbox"/>
Face Shield	<input type="checkbox"/>
Leather/Kevlar Chaps	<input type="checkbox"/>
Respiratory Protection	<input checked="" type="checkbox"/>
Toe/Foot Guards	<input type="checkbox"/>
Ear Plugs/Muffs	<input checked="" type="checkbox"/>
Life Vest/PFD	<input checked="" type="checkbox"/>
Welding Hood	<input type="checkbox"/>
Welding Leathers	<input type="checkbox"/>
Other PPE: <u>Gloves</u>	<input checked="" type="checkbox"/>
Other PPE: <u>Hard hat</u>	<input checked="" type="checkbox"/>
Other PPE: <u>Steel toe boots</u>	<input checked="" type="checkbox"/>
Other PPE: <u>Safety Glasses</u>	<input type="checkbox"/>
Other PPE:	<input type="checkbox"/>
	<input type="checkbox"/>
Superintendent <u>Anthony Duran</u>	

Prepared and reviewed by:	
Name	Signature
Miguel Leon	<u>Miguel Leon</u>
Geo Thomas	<u>Geo Thomas</u>
Joseph Ramirez	<u>Joseph Ramirez</u>
Victor Lemus	<u>Victor Lemus</u>
Chris Lee	<u>Chris Lee</u>
Dennis Mejia	<u>Dennis Mejia</u>
Antonio Hernandez	<u>Antonio Hernandez</u>
Kicapla Esteban	<u>Kicapla Esteban</u>
Andres William	<u>Andres William</u>
Araceli de los Angeles	<u>Araceli de los Angeles</u>
Martin Mena	<u>Martin Mena</u>
Felix Offelipe	<u>Felix Offelipe</u>
Jerry Mena	<u>Jerry Mena</u>
Ernie Smith	<u>Ernie Smith</u>
Henry Mejia	<u>Henry Mejia</u>
Foreman <u>Miguel Leon</u>	

2/22/18

Faber Betancor
Wilmer Amador



Kiewit Safe

WHAT IS THE WORST THAT COULD HAPPEN?	Step 1: Asbestos Abatement Asbestos Spill	Step 2: ^{Variance Approved.} Knives Utility Knives / Blades Blades injuries.	Step 3: Hand scrapper. HAND SCRAPER w/ 6" BLADE INJURIES - Deep cuts & scrap
PREVENTION PLAN (Focus on Behaviors)	<ul style="list-style-type: none"> - Regulate work area restrict access - Warning Signs - Build Containment - Protective measures to avoid exposure. 	<ul style="list-style-type: none"> - The use of Self-retractable utility knife. - Wear cut resistant gloves and sleeves. 	<ul style="list-style-type: none"> - SCRAP Away from your Body - Wear Cut resistant gloves
HOW ARE YOU MOST LIKELY TO GET HURT?	Asbestos Exposure	Use other type of Knife or modify	
PREVENTION PLAN (Focus on Behaviors)	<ul style="list-style-type: none"> - Wear respiratory protection - Wear PPE, hooded Tyvek suit - 1/2 face with safety glasses or full face respirator 	<ul style="list-style-type: none"> - No other type of Knife is allowed unless it is retractable. - Cut away from your body 	
OTHER RISKS TO BE AWARE OF?	Worst Bad housekeeping	DUST	
PREVENTION PLAN (Focus on Behaviors)	<ul style="list-style-type: none"> - Good housekeeping prevent injuries - Keep aisles and clean up exits clear of items. - Clean the work area, nails holes and loose boards and debris. 	<ul style="list-style-type: none"> - Build containment and use the airless sprayer with amended water. 	



Kiewit Safe

WHAT IS THE WORST THAT COULD HAPPEN?	<p>Step 4: Cold weather Cold snow conditions Slips trips and falls</p>	<p>Step 5: Windows Removal Moving Windows Slips, trips and falls Heavy lifting, broken glass</p>	<p>Step 6: Collapses - Slip trip or fall</p>
PREVENTION PLAN (Focus on Behaviors)	<p>- Remove the snow to prevent falls. - Do not work near to damaged power lines. - Recognize the hazards of winter weather. When the ice - melt is</p>	<p>Look all around your area, wrap windows completely with 2 layers of 6ml poly. Use gloves, use buddy system. Use Tape the glass window to avoid the glass breaking.</p>	<p>Deep #CUTS BARRIERS or CONES / Signage Harness and systems Anchor points</p>
HOW ARE YOU MOST LIKELY TO GET HURT?	<p>Shoveling Snow The body dehydration, exhaustion, back injuries</p>		<p>Slip trip or fall Deep CUTS from tools or work surfaces</p>
PREVENTION PLAN (Focus on Behaviors)	<p>- Warm-up before the activity - Use off proper lifting technique. - Scoop small amount of snow</p>		<p>Execute work plan (sit-Rep) safety brief before beginning tasks</p>
OTHER RISKS TO BE AWARE OF?	<p>Ice surfaces.</p>		<p>Wet roof / weak spots Boards</p>
PREVENTION PLAN (Focus on Behaviors)	<p>- Clear walking surfaces of snow and ice. - Take shorter steps and walk at a slower pace.</p>		<p>Buddy system Fall arrest protection Housekeeping Against S-T-P.</p>



Kiewit Safe

FALL PROTECTION WORK PLAN

Operation _____ Date _____

Identify hazards in work area:

Check Method of fall prevention/protection to be used:	<input type="checkbox"/> Standard Guardrail (top, mid and toeboard) <input type="checkbox"/> Anchorage point of 5000lb load/person <input type="checkbox"/> Boom lift (designated operator required) <input type="checkbox"/> Other (Specify)	<input type="checkbox"/> Horizontal lifeline <input type="checkbox"/> Vertical lifeline <input type="checkbox"/> Retractable
--	--	--

Check equipment to be used:	<input type="checkbox"/> Full body harness <input type="checkbox"/> Positioning lanyard	<input type="checkbox"/> Rope/Cable grab <input type="checkbox"/> Retractable Lanyard
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Describe procedure for assembly, maintenance, inspection and disassembly of system:

Describe procedure for handling and securing tools, equipment and overhead protection for work areas below: (ex: toe boards, tool lanyards, etc.)

Describe method for prompt, safe retrieval:

Sketch of system: Use back of page if necessary.

I certify that I understand the hazards of this operation and have received necessary training associated with this operation.

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Kiewit Safe

JKS-SHARP AND CUTTING TOOL SAFETY

Many accidents involving utility knives occur for the following reasons:

- Drawing the knife towards you instead of away from your body.
- Working with a dull blade. (Dull blades require more pressure, increasing the potential for injury.)
- Trying to cut more than the knife can handle.
- Improperly storing the knife with the blade extended.
- Failing to wear personal protective equipment.
- Neglecting to inspect the tool before use.

There have been cases where workers have suffered injuries from exposed blade tips. This is because the blades did not completely retract into the handle. That is why it is important for workers to use the proper size blades or replace defective retraction mechanisms. JKS will use self-retracting utility knives – the blade automatically retracts into the handle when not in use.

Problems also arise when some employees do not have or cannot find a utility knife supplied by the company. As a result, they tend to use whatever is handy, such as a pocketknife or other tool with a sharp edge. This can quickly turn hazardous if the tool slips or is used incorrectly.

The following are safety precautions to keep in mind when using utility knives:

- Wear safety glasses to protect your eyes in case a blade breaks.
- Always use a sharp blade. They are safer than a dull blade.
- Wear cut resistant gloves and sleeves (at least Level 3) to protect your hands and arms.
- Hand a utility knife to a co-worker with the handle first.
- Use one of the newer model self-retracting blade knives. The technology has increased the safety of this tool tremendously over the past several years.
- Ensure the blades are properly positioned in the handle before use.
- Keep extremities out of the cutting path.
- Don't apply too much pressure on the blade.
- Follow manufacturer's instructions when changing blades.
- Don't use utility knives to pry loose objects.
- Dispose of dull or broken blades in a puncture-resistant container.
- Use of disposable knives with breakaway blades is not meant for industrial use. JKS will not allow use or on project site.

The following tool is used to cut 4mil and 6mil plastic into manageable pieces to set up isolation barriers. It is used to set up plastic barriers over windows, doors, and vents. It is used to cut 6mil plastic in the corners of the containments where scissors cannot access. Scissors are good for strait cuts, but in the asbestos abatement industry, workers have to make plastic cuts around pipes, hangers, near ceilings, near floor and tight corners. This tool is also used to cut through soft and hard pipe insulation. The tool is pressed against the pipe insulation and cut away from the pipe and then the pipe is cleaned for a final visual inspection.

Self-retractable utility knife



The following tool is used to scrape away sheet vinyl flooring away from wood or concrete flooring. The sheet vinyl flooring is first saturated with amended water to soften up the paper backing. With both hands the tool is pushed away from the body and not towards the body. This tool is also used scrape away black mastic adhesives when performing floor tile and mastic activities. Kneepads and Kevlar gloves are worn to protect employees from the tool.

4" hand razor scraper



In addition, JKS will have a specific review of blade/razor hazard analysis with crew for approved uses and proper handling.

In the event of a spill contact:

Courtney O'Connor (720) 670-0611
Jenn Bradtmueller (303) 918-3124

Spill Response - Small Spill

1. Stop the source of the spill/leak and contain it as soon as possible. Notify Courtney O'Connor or Jenn Bradtmueller immediately.
2. If the spill is flowing, isolate and contain the spill by creating a dam or dike to prevent spread. Sorbent booms or "socks" can be used to create a containment dam.
3. Place absorbent pads, mini-booms, or granular absorbent material on and/or around free product or area of spill.
4. Allow time for the absorbent material to soak up the spilled substance.
5. Once the spill is contained and free product absorbed, place used absorbent materials in a plastic bag and secure the bag with a zip tie. Place bag in labeled container for proper disposal.
6. Shovel all saturated soil into designated container removing enough soil to ensure all contaminated soil has been removed.
7. Label container with the appropriate label. Contact Jenn Bradtmueller for appropriate labels.
8. Transport the container (drum/bucket) to project Waste Storage Area.

Spill Response - Large Spill

The following procedures should be followed in the event of a large oil or fuel spill caused by a tank overfill, tank failure, fuel or hydraulic line rupture or abnormal leak.

1. Assess the situation to determine if the spill is an incidental spill or that an emergency exists.
2. If an emergency situation exists and threatens the health or safety of anyone, evacuate the area and call 911 to notify the Fire Department.
3. If quantity of the spill is larger than facility personnel can handle, Courtney O'Connor, Jenn Bradtmueller or Project Management will place call to designated company for emergency spill cleanup.
4. If safe to do so, take all necessary steps to stop the leak/spill including turning off pump(s) or other equipment and closing any valves to isolate the overfilled/leaking tank or piping.
5. Isolate the spilled material and prevent the release from entering surface water or groundwater. Berms may be constructed to contain the spill, and/or excavation equipment may be used to promptly remove impacted soils, concrete, or asphalt. Storm drains will be blocked.
6. Alert and notify supervisory personnel of the situation. A supervisor will immediately notify Jenn Bradtmueller so that they can determine if it is a reportable event and make the needed agency and internal notifications.
7. When reporting a spill to Jenn Bradtmueller, provide the time, what was spilled, cause of the spill, whether the spill was to soil or water, if to soil, whether it has the potential to migrate to water and what action is being taken.
8. Take leaking tank/equipment out of service until leak is repaired.
9. Any fuel within the containment shall be removed and properly stored.
10. All affected areas shall be cleaned up and wastes containerized.
11. Inspect affected areas to ensure all contaminants are cleaned up and wastes containerized.
12. Repair or replace all affected equipment or tanks.
13. Conduct integrity testing on repaired/replaced sections if necessary
14. Return tank/equipment system to service once leak is repaired.

	Step 1: Clean up	Step 2: Move furniture to dumpster	Step 3:
WHAT IS THE WORST THAT COULD HAPPEN?	Slips trips & falls	Biohazards materials and animals (needles - bedbugs)	
PREVENTION PLAN (Focus on Behaviors)	good housekeeping unexpected change Selection of proper footwear Taking your time and paying attention to where you going	Use suit and respirator Use proper gloves	
HOW ARE YOU MOST LIKELY TO GET HURT?	weather hazards Wet or snow		
PREVENTION PLAN (Focus on Behaviors)	Clean up the area remove snow dry the floor		
OTHER RISKS TO BE AWARE OF?	Heavy lifting		
PREVENTION PLAN (Focus on Behaviors)	Don't carry something that is too heavy Use dolly or asking for others for help		



Kiewit Safe

	Step 4:	Step 5:	Step 6:
WHAT IS THE WORST THAT COULD HAPPEN?			
PREVENTION PLAN (Focus on Behaviors)			
HOW ARE YOU MOST LIKELY TO GET HURT?			
PREVENTION PLAN (Focus on Behaviors)			
OTHER RISKS TO BE AWARE OF?			
PREVENTION PLAN (Focus on Behaviors)			



Kiewit Safe

11. Daily Logs

Full Containment

Personal sampling ok

JKS Industries

Work Order Post Tally Log

Prepared By: Miguel Leon
Date: 02-19-18

Work Order Name and # Phase# 4

Force and Hours							Budget		
Week #	Day of Week	Date	Position or Classification	Labor	Supervision	Total Hours	Week to Date	Budget	Remaining Hours
2	Mon	02-19-18	Asbestos	30	5	35	35	160	125
	Tue	NO worck bad weather to cold							
2	Wed	02-21-18	Asbestos	30	5	35	70	125	90
	Thr	02-22-18	Ready for	Finals					
2	Fri	02-23-18	Asbestos	2	0	2	72	90	88
			100%						
TTL									

02-19-18

02-20-18

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NORMAL OP 11:19:52

TIME	HI "WC	LO "WC
11:34	-0.020	-0.076
11:49	-0.027	-0.060
12:04	-0.034	-0.089
12:19	-0.047	-0.061
12:34	-0.029	-0.077
12:49	-0.040	-0.078
13:04	-0.034	-0.094
13:19	-0.036	-0.049
13:34	-0.039	-0.054
13:49	-0.039	-0.055
14:04	-0.040	-0.051
14:19	-0.033	-0.070
14:34	-0.037	-0.068
14:49	-0.033	-0.060
15:04	-0.038	-0.065
15:19	0.039	-0.060
15:34	0.036	-0.051
15:49	-0.036	-0.061
16:04	-0.034	-0.041
16:19	-0.033	-0.048
16:34	-0.032	-0.045
16:49	-0.039	-0.078
17:04	-0.042	-0.104
17:19	-0.035	-0.100
17:34	-0.036	-0.088
17:49	-0.031	-0.087
18:04	-0.035	-0.067
18:19	-0.038	-0.060
18:34	-0.036	-0.059
18:49	-0.035	-0.062
19:04	-0.031	-0.060
19:19	-0.030	-0.062
19:34	-0.036	-0.075
19:49	-0.036	-0.075
20:04	-0.041	-0.092
20:19	-0.040	-0.065
20:34	-0.034	-0.091
20:49	-0.037	-0.093
21:04	-0.035	-0.071
21:19	-0.032	-0.072
21:34	-0.035	-0.078
21:49	-0.038	-0.069
22:04	-0.039	-0.069
22:19	-0.040	-0.068
22:34	-0.043	-0.067
22:49	-0.041	-0.068
23:04	-0.041	-0.069
23:19	-0.040	-0.058
23:34	-0.042	-0.087
23:49	-0.038	-0.083

TIME	HI "WC	LO "WC
00:04	-0.039	-0.057
00:19	-0.038	-0.054
00:34	-0.039	-0.051
00:49	-0.041	-0.052
01:04	-0.041	-0.060
01:19	-0.039	-0.064
01:34	-0.040	-0.063
01:49	-0.040	-0.069
02:04	-0.040	-0.072
02:19	-0.033	-0.094
02:34	-0.038	-0.059
02:49	-0.037	-0.052
03:04	-0.040	-0.065
03:19	-0.041	-0.067
03:34	-0.040	-0.065
03:49	-0.038	-0.058
04:04	-0.042	-0.056
04:19	-0.039	-0.055
04:34	-0.034	-0.069
04:49	-0.041	-0.067
05:04	-0.039	-0.063
05:19	-0.041	-0.061
05:34	-0.037	-0.061
05:49	-0.039	-0.075
06:04	-0.040	-0.063
06:19	-0.040	-0.066
06:34	-0.039	-0.066
06:49	-0.038	-0.056
07:04	-0.039	-0.055
07:19	-0.041	-0.059
07:34	-0.042	-0.067
07:49	-0.039	-0.061
08:04	-0.039	-0.062
08:19	-0.040	-0.058
08:34	-0.040	-0.055
08:49	-0.042	-0.069
09:04	-0.040	-0.056
09:19	-0.039	-0.060
09:34	-0.040	-0.064
09:49	-0.035	-0.052
10:04	-0.039	-0.051
10:19	-0.040	-0.060
10:34	-0.038	-0.066
10:49	-0.040	-0.058
11:04	-0.037	-0.073
11:19	-0.037	-0.060
11:34	-0.037	-0.059
11:49	-0.038	-0.051
12:04	-0.038	-0.067
12:19	-0.040	-0.063
12:34	-0.038	-0.062
12:49	-0.037	-0.076
13:04	-0.039	-0.070
13:19	-0.038	-0.090
13:34	-0.033	-0.061
13:49	-0.038	-0.064

14:04	-0.034	-0.076
14:19	-0.039	-0.071
14:34	-0.035	-0.058
14:49	-0.036	-0.063
15:04	-0.035	-0.062
15:19	-0.039	-0.057
15:34	-0.030	-0.054
15:49	-0.040	-0.063
16:04	-0.036	-0.060
16:19	-0.036	-0.071
16:34	-0.036	-0.058
16:49	-0.033	-0.061
17:04	-0.037	-0.069
17:19	-0.040	-0.072
17:34	-0.037	-0.068
17:49	-0.037	-0.063
18:04	-0.037	-0.052
18:19	-0.037	-0.050
18:34	-0.033	-0.053
18:49	-0.035	-0.049
19:04	-0.036	-0.045
19:19	-0.036	-0.045
19:34	-0.038	-0.049
19:49	-0.037	-0.053
20:04	-0.037	-0.045
20:19	-0.038	-0.063
20:34	-0.033	-0.062
20:49	-0.035	-0.049
21:04	-0.037	-0.049
21:19	-0.037	-0.048
21:34	-0.038	-0.044
21:49	-0.037	-0.041
22:04	-0.038	-0.040
22:19	-0.038	-0.040
22:34	-0.038	-0.040
22:49	-0.038	-0.040
23:04	-0.038	-0.040
23:19	-0.037	-0.040
23:34	-0.037	-0.041
23:49	-0.038	-0.040

02-27-18

2

TIME	HI "WC	LO "WC
00:04	-0.038	-0.040
00:19	-0.038	-0.041
00:34	-0.037	-0.042
00:49	-0.038	-0.043
01:04	-0.037	-0.042
01:19	-0.036	-0.044
01:34	-0.038	-0.041
01:49	-0.038	-0.040
02:04	-0.038	-0.040
02:19	-0.037	-0.040
02:34	-0.037	-0.040
02:49	-0.037	-0.039
03:04	-0.037	-0.041
03:19	-0.037	-0.039
03:34	-0.037	-0.040
03:49	-0.037	-0.041
04:04	-0.037	-0.039
04:19	-0.037	-0.042
04:34	-0.037	-0.041
04:49	-0.037	-0.039
05:04	-0.037	-0.039
05:19	-0.037	-0.039
05:34	-0.036	-0.041
05:49	-0.037	-0.041
06:04	-0.038	-0.042
06:19	-0.037	-0.044
06:34	-0.037	-0.041
06:49	-0.037	-0.041
07:04	-0.037	-0.041
07:19	-0.038	-0.044
07:34	-0.038	-0.042
07:49	-0.037	-0.040
08:04	-0.037	-0.039
08:19	-0.037	-0.040
08:34	-0.037	-0.039
08:49	-0.037	-0.040
09:04	-0.038	-0.040
09:19	-0.037	-0.040
09:34	-0.038	-0.041
09:49	-0.038	-0.045
10:04	-0.037	-0.042
10:19	-0.038	-0.040
10:34	-0.037	-0.041
10:49	-0.037	-0.041
11:04	-0.035	-0.040
11:19	-0.036	-0.043
11:34	-0.037	-0.042
11:49	-0.035	-0.040
12:04	-0.035	-0.040
12:19	-0.036	-0.039
12:34	-0.034	-0.039
12:49	-0.036	-0.049
13:04	-0.035	-0.042
13:19	-0.035	-0.044
13:34	-0.035	-0.041
13:49	-0.036	-0.045
14:04	-0.035	-0.041

NORMAL OP 14:48:26

TIME	HI "WC	LO "WC
15:18	-0.021	-0.027
15:48	-0.023	-0.034
16:18	-0.024	-0.031
16:48	-0.027	-0.043
17:18	-0.027	-0.043
17:48	-0.027	-0.031
18:18	-0.027	-0.031
18:48	-0.027	-0.029
19:18	-0.027	-0.029
19:48	-0.027	-0.030
20:18	-0.027	-0.037
20:48	-0.027	-0.029
21:18	-0.027	-0.026
21:48	-0.027	-0.026
22:18	-0.023	-0.027
22:48	-0.023	-0.028
23:18	-0.024	-0.029
23:48	-0.025	-0.029

[Handwritten signature]

02-22-18

TIME	HI "WC	LO "WC
00:04	-0.025	-0.026
00:34	-0.025	-0.026
01:04	-0.024	-0.026
01:34	-0.025	-0.026
02:04	-0.025	-0.026
02:34	-0.025	-0.026
03:04	-0.025	-0.026
03:34	-0.025	-0.026
04:04	-0.026	-0.027
04:34	-0.026	-0.027
05:04	-0.026	-0.027
05:34	-0.026	-0.027
06:04	-0.026	-0.027
06:34	-0.025	-0.027
07:04	-0.025	-0.027
07:34	-0.018	-0.027
08:04	-0.016	-0.025
08:34	-0.016	-0.025
09:04	-0.019	-0.026
09:34	-0.019	-0.026
10:04	-0.022	-0.026
10:34	-0.024	-0.027
11:04	-0.024	-0.027
11:34	-0.021	-0.026
12:04	-0.018	-0.026
12:34	-0.020	-0.026
13:04	-0.023	-0.026
13:34	-0.023	-0.026
14:04	-0.024	-0.026
14:34	-0.020	-0.026
15:04	-0.021	-0.025
15:34	-0.021	-0.026
16:04	-0.022	-0.025
16:34	-0.023	-0.026
17:04	-0.021	-0.026
17:34	-0.023	-0.026
18:04	-0.023	-0.026
18:34	-0.023	-0.026
19:04	-0.021	-0.026
19:34	-0.025	-0.026
20:04	-0.025	-0.027
20:34	-0.022	-0.026
21:04	-0.025	-0.026
21:34	-0.025	-0.026
22:04	-0.025	-0.026
22:34	-0.025	-0.026
23:04	-0.026	-0.027
23:34	-0.025	-0.026

TIME	HI "WC	LO "WC
00:04	-0.025	-0.026
00:34	-0.026	-0.027
01:04	-0.026	-0.027
01:34	-0.026	-0.027
02:04	-0.026	-0.027
02:34	-0.025	-0.027
03:04	-0.026	-0.027
03:34	-0.026	-0.027
04:04	-0.026	-0.027
04:34	-0.026	-0.027
05:04	-0.024	-0.027
05:34	-0.026	-0.027
06:04	-0.024	-0.028
06:34	-0.024	-0.026
07:04	-0.025	-0.027
07:34	-0.021	-0.027
08:04	-0.021	-0.026
08:34	-0.017	-0.026
09:04	-0.015	-0.025
09:34	-0.021	-0.026
10:04	-0.021	-0.026
10:34	-0.023	-0.026
11:04	-0.021	-0.026
11:34	-0.019	-0.026
12:04	-0.017	-0.026
12:34	-0.019	-0.026
13:04	-0.017	-0.026
13:34	-0.018	-0.025

Phase # 6

①

02/27/18

NEW TIME

07:52

08:01	-0.024	-0.051
08:16	-0.029	-0.045
08:31	-0.020	-0.087
08:46	-0.029	-0.044
09:01	-0.023	-0.041
09:16	-0.036	-0.071
09:31	-0.053	-0.082
09:46	-0.047	-0.077
10:01	-0.048	-0.076
10:16	-0.031	-0.069
10:31	-0.034	-0.079
10:46	-0.035	-0.067
11:01	-0.030	-0.054
11:16	-0.026	-0.056

19:34	-0.036	-0.075
19:49	-0.036	-0.075
20:04	-0.041	-0.092
20:19	-0.040	-0.065
20:34	-0.034	-0.091
20:49	-0.037	-0.093
21:04	-0.035	-0.071
21:19	-0.032	-0.072
21:34	-0.035	-0.078
21:49	-0.038	-0.069
22:04	-0.039	-0.069
22:19	-0.040	-0.068
22:34	-0.043	-0.067
22:49	-0.041	-0.068
23:04	-0.041	-0.069
23:19	-0.040	-0.058
23:34	-0.042	-0.087
23:49	-0.038	-0.083

ALARM 1 @ -0.020" WC
11:18:15 -0.019" WC

NORMAL OP 11:19:52

TIME	HI "WC	LO "WC
11:34	-0.020	-0.076
11:49	-0.027	-0.060
12:04	-0.034	-0.089
12:19	-0.047	-0.061
12:34	-0.029	-0.077
12:49	-0.040	-0.078
13:04	-0.034	-0.094
13:19	-0.036	-0.049
13:34	-0.039	-0.054
13:49	-0.039	-0.055
14:04	-0.040	-0.051
14:19	-0.033	-0.070
14:34	-0.037	-0.068
14:49	-0.033	-0.060
15:04	-0.038	-0.065
15:19	-0.039	-0.060
15:34	-0.036	-0.051
15:49	-0.036	-0.061
16:04	-0.034	-0.041
16:19	-0.033	-0.048
16:34	-0.032	-0.045
16:49	-0.039	-0.078
17:04	-0.042	-0.104
17:19	-0.035	-0.100
17:34	-0.036	-0.088
17:49	-0.031	-0.087
18:04	-0.035	-0.067
18:19	-0.038	-0.060
18:34	-0.036	-0.059
18:49	-0.035	-0.062
19:04	-0.031	-0.060
19:19	-0.030	-0.062

02/28/18

TIME	HI "WC	LO "WC
00:04	-0.039	-0.057
00:19	-0.038	-0.054
00:34	-0.039	-0.051
00:49	-0.041	-0.052
01:04	-0.041	-0.060
01:19	-0.039	-0.064
01:34	-0.040	-0.063
01:49	-0.040	-0.069
02:04	-0.040	-0.072
02:19	-0.033	-0.094
02:34	-0.038	-0.059
02:49	-0.037	-0.052
03:04	-0.040	-0.065
03:19	-0.041	-0.067
03:34	-0.040	-0.065
03:49	-0.038	-0.058
04:04	-0.042	-0.056
04:19	-0.039	-0.055
04:34	-0.034	-0.069
04:49	-0.041	-0.067
05:04	-0.039	-0.063
05:19	-0.041	-0.061
05:34	-0.037	-0.061
05:49	-0.039	-0.075
06:04	-0.040	-0.063
06:19	-0.040	-0.066
06:34	-0.039	-0.066
06:49	-0.038	-0.056
07:04	-0.039	-0.055
07:19	-0.041	-0.059
07:34	-0.042	-0.067
07:49	-0.039	-0.061
08:04	-0.039	-0.062
08:19	-0.040	-0.058
08:34	-0.040	-0.055
08:49	-0.042	-0.069
09:04	-0.040	-0.056
09:19	-0.039	-0.060
09:34	-0.040	-0.064
09:49	-0.035	-0.052
10:04	-0.039	-0.051
10:19	-0.040	-0.060
10:34	-0.038	-0.066
10:49	-0.040	-0.058
11:04	-0.037	-0.073
11:19	-0.037	-0.060
11:34	-0.037	-0.059
11:49	-0.038	-0.051
12:04	-0.038	-0.067
12:19	-0.040	-0.063
12:34	-0.038	-0.062
12:49	-0.037	-0.076
13:04	-0.039	-0.070
13:19	-0.038	-0.090
13:34	-0.033	-0.061
13:49	-0.038	-0.064
14:04	-0.034	-0.076
14:19	-0.039	-0.071
14:34	-0.035	-0.058
14:49	-0.036	-0.063
15:04	-0.035	-0.062
15:19	-0.039	-0.057
15:34	-0.030	-0.054
15:49	-0.040	-0.063
16:04	-0.036	-0.060
16:19	-0.036	-0.071
16:34	-0.036	-0.058
16:49	-0.033	-0.061
17:04	-0.037	-0.069
17:19	-0.040	-0.072
17:34	-0.037	-0.068
17:49	-0.037	-0.063
18:04	-0.037	-0.052
18:19	-0.037	-0.050
18:34	-0.033	-0.053
18:49	-0.035	-0.049
19:04	-0.036	-0.045
19:19	-0.036	-0.045
19:34	-0.038	-0.049
19:49	-0.037	-0.053
20:04	-0.037	-0.045
20:19	-0.038	-0.063
20:34	-0.033	-0.062
20:49	-0.035	-0.049
21:04	-0.037	-0.049
21:19	-0.037	-0.048
21:34	-0.038	-0.044
21:49	-0.037	-0.041
22:04	-0.038	-0.040
22:19	-0.038	-0.040
22:34	-0.038	-0.040
22:49	-0.038	-0.040
23:04	-0.038	-0.040
23:19	-0.037	-0.040
23:34	-0.037	-0.041
23:49	-0.038	-0.040

03-01-18

3

TIME	HI "WC	LO "WC
00:04	-0.038	-0.040
00:19	-0.038	-0.041
00:34	-0.037	-0.042
00:49	-0.038	-0.043
01:04	-0.037	-0.042
01:19	-0.036	-0.044
01:34	-0.038	-0.041
01:49	-0.038	-0.040
02:04	-0.038	-0.040
02:19	-0.037	-0.040
02:34	-0.037	-0.040
02:49	-0.037	-0.039
03:04	-0.037	-0.041
03:19	-0.037	-0.039
03:34	-0.037	-0.040
03:49	-0.037	-0.041
04:04	-0.037	-0.039
04:19	-0.037	-0.042
04:34	-0.037	-0.041
04:49	-0.037	-0.039
05:04	-0.037	-0.039
05:19	-0.037	-0.039
05:34	-0.036	-0.041
05:49	-0.037	-0.041
06:04	-0.038	-0.042
06:19	-0.037	-0.044
06:34	-0.037	-0.041
06:49	-0.037	-0.041
07:04	-0.037	-0.041
07:19	-0.038	-0.044
07:34	-0.038	-0.042
07:49	-0.037	-0.040
08:04	-0.037	-0.039
08:19	-0.037	-0.040
08:34	-0.037	-0.039
08:49	-0.037	-0.040
09:04	-0.038	-0.040
09:19	-0.037	-0.040
09:34	-0.038	-0.041
09:49	-0.038	-0.045
10:04	-0.037	-0.042
10:19	-0.038	-0.040
10:34	-0.037	-0.041
10:49	-0.037	-0.041
11:04	-0.035	-0.040
11:19	-0.036	-0.043
11:34	-0.037	-0.042
11:49	-0.035	-0.040
12:04	-0.035	-0.040
12:19	-0.036	-0.039
12:34	-0.034	-0.039
12:49	-0.036	-0.049
13:04	-0.035	-0.042
13:19	-0.035	-0.044
13:34	-0.035	-0.041
13:49	-0.036	-0.045
14:04	-0.035	-0.041

14:19 -0.035 -0.043
 14:34 -0.035 -0.040
 14:49 -0.034 -0.038
 15:04 -0.033 -0.037
 15:19 -0.031 -0.037
 15:34 -0.031 -0.038
 15:49 -0.033 -0.037
 16:04 -0.035 -0.037
 16:19 -0.035 -0.038
 16:34 -0.035 -0.038
 16:49 -0.028 -0.043

ALARM 1 @ -0.020" WC
 16:54:18 -0.019" WC

NORMAL OP 16:54:25

ALARM 1 @ -0.020" WC
 16:54:39 -0.019" WC

NORMAL OP 16:54:46

ALARM 1 @ -0.020" WC
 16:54:52 -0.019" WC

NORMAL OP 16:55:45

ALARM 1 @ -0.020" WC
 16:57:13 -0.019" WC

NORMAL OP 16:57:49

ALARM 1 @ -0.020" WC
 16:57:54 -0.019" WC

NORMAL OP 16:58:01

ALARM 1 @ -0.020" WC
 16:58:30 -0.019" WC

NORMAL OP 16:58:59

ALARM 1 @ -0.020" WC
 16:59:17 -0.019" WC

NORMAL OP 16:59:30

ALARM 1 @ -0.020" WC
 17:01:43 -0.019" WC

NORMAL OP 17:01:46

ALARM 1 @ -0.020" WC
 17:04:34 -0.019" WC

NORMAL OP 17:04:38

ALARM 1 @ -0.020" WC
 17:07:27 -0.019" WC

NORMAL OP 17:08:03

ALARM 1 @ -0.020" WC
 17:08:07 -0.019" WC

ALARM 1 @ -0.020" WC
 18:33:09 -0.019" WC

NORMAL OP 18:33:10

ALARM 1 @ -0.020" WC
 18:35:33 -0.019" WC

NORMAL OP 18:35:48

ALARM 1 @ -0.020" WC
 18:35:54 -0.019" WC

NORMAL OP 18:36:01

ALARM 1 @ -0.020" WC
 18:41:08 -0.019" WC

NORMAL OP 18:41:11

TIME	HI "WC	LO "WC
18:56	-0.021	-0.056
19:11	-0.030	-0.042

ALARM 1 @ -0.020" WC
 19:22:53 -0.019" WC

NORMAL OP 19:23:00

ALARM 1 @ -0.020" WC
 19:23:33 -0.018" WC

NORMAL OP 19:23:43

ALARM 1 @ -0.020" WC
 19:25:02 -0.019" WC

NORMAL OP 19:25:04

ALARM 1 @ -0.020" WC
 19:36:30 -0.019" WC

NORMAL OP 19:36:37

TIME	HI "WC	LO "WC
19:51	-0.021	-0.053
20:06	-0.034	-0.052
20:21	-0.034	-0.038
20:36	-0.035	-0.040
20:51	-0.033	-0.042
21:06	-0.033	-0.049
21:21	-0.022	-0.079
21:36	-0.035	-0.074
21:51	-0.036	-0.055
22:06	-0.038	-0.071
22:21	-0.038	-0.077
22:36	-0.033	-0.052
22:51	-0.031	-0.046
23:06	-0.032	-0.046
23:21	-0.033	-0.051
23:36	-0.026	-0.050
23:51	-0.024	-0.064

03/02/18

4

TIME	HI "WC	LO "WC
00:00	-0.044	-0.049
00:15	-0.046	-0.049
00:30	-0.047	-0.048
00:45	-0.046	-0.048
01:00	-0.047	-0.048
01:15	-0.046	-0.048
01:30	-0.047	-0.049
01:45	-0.044	-0.050
02:00	-0.042	-0.053
02:15	-0.047	-0.053
02:30	-0.046	-0.050
02:45	-0.047	-0.050
03:00	-0.048	-0.050
03:15	-0.048	-0.051
03:30	-0.048	-0.050
03:45	-0.048	-0.049
04:00	-0.048	-0.051
04:15	-0.048	-0.050
04:30	-0.048	-0.050
04:45	-0.048	-0.050
05:00	-0.047	-0.051
05:15	-0.048	-0.051
05:30	-0.049	-0.051
05:45	-0.049	-0.051
06:00	-0.049	-0.050
06:15	-0.048	-0.051
06:30	-0.049	-0.051
06:45	-0.049	-0.050
07:00	-0.049	-0.051
07:15	-0.049	-0.052
07:30	-0.023	-0.051
07:45	-0.036	-0.049
08:00	-0.043	-0.047
08:15	-0.042	-0.045
08:30	-0.041	-0.045
08:45	-0.041	-0.044
09:00	-0.040	-0.044
09:15	-0.025	-0.044
09:30	-0.041	-0.047
09:45	-0.039	-0.046
10:00	-0.037	-0.043
10:15	-0.032	-0.045
10:30	-0.036	-0.044

NORMAL OP 10:28:24

TIME	HI "WC	LO "WC
10:43	-0.022	-0.145

ALARM 1 @ -0.020" WC
10:43:54 -0.018" WC

NORMAL OP 10:44:29

ALARM 1 @ -0.020" WC
10:45:50 -0.019" WC

NORMAL OP 10:46:03

ALARM 1 @ -0.020" WC
10:46:17 -0.019" WC

NORMAL OP 10:46:22

TIME	HI "WC	LO "WC
11:01	-0.024	-0.120

ALARM 1 @ -0.020" WC
11:07:45 -0.019" WC

NORMAL OP 11:08:42

TIME	HI "WC	LO "WC
11:23	-0.022	-0.046
11:38	-0.032	-0.056
11:53	-0.038	-0.058
12:08	-0.056	-0.060
12:23	-0.060	-0.063
12:38	-0.056	-0.062
12:53	-0.050	-0.056
13:08	-0.037	-0.052
13:23	-0.045	-0.056
13:38	-0.052	-0.066
13:53	-0.050	-0.052
14:08	-0.049	-0.052
14:23	-0.047	-0.050
14:38	-0.048	-0.050
14:53	-0.047	-0.050
15:08	-0.047	-0.050
15:23	-0.047	-0.050
15:38	-0.047	-0.049
15:53	-0.046	-0.048
16:08	-0.045	-0.048
16:23	-0.045	-0.047
16:38	-0.044	-0.046
16:53	-0.040	-0.046
17:08	-0.040	-0.042
17:23	-0.040	-0.042
17:38	-0.040	-0.041
17:53	-0.040	-0.042
18:08	-0.039	-0.041
18:23	-0.040	-0.041
18:38	-0.040	-0.041
18:53	-0.039	-0.041
19:08	-0.039	-0.041
19:23	-0.039	-0.041
19:38	-0.039	-0.041
19:53	-0.039	-0.041
20:08	-0.040	-0.041
20:23	-0.040	-0.041
20:38	-0.040	-0.041
20:53	-0.039	-0.041
21:08	-0.039	-0.041
21:23	-0.039	-0.041
21:38	-0.039	-0.041
21:53	-0.039	-0.041
22:08	-0.039	-0.041
22:23	-0.039	-0.041
22:38	-0.039	-0.041
22:53	-0.039	-0.041
23:08	-0.039	-0.040
23:23	-0.039	-0.041
23:38	-0.039	-0.041
23:53	-0.039	-0.041

JOB REPORT

JOB NAME:

Job 2jks 170

CONTRACTOR:

Your Name

SUPERVISOR:

Phase# 8

START JOB

Job 2jks 170

OMNIGUARD

02-19-18 14:04:19

ALARM 1 @ +0.250" WC

ALARM 2 @ -0.100" WC

NORMAL OP 14:04:23

TIME	HI "WC	LO "WC
14:34	-0.021	-0.028
15:04	-0.021	-0.024
15:34	-0.005	-0.027
16:04	-0.009	-0.030
16:34	-0.008	-0.024
17:04	-0.006	-0.029
17:34	-0.022	-0.026
18:04	-0.021	-0.023
18:34	-0.020	-0.022
19:04	-0.018	-0.021
19:34	-0.019	-0.019
20:04	-0.018	-0.020
20:34	-0.019	-0.020
21:04	-0.019	-0.020
21:34	-0.019	-0.020
22:04	-0.019	-0.020
22:34	-0.019	-0.020
23:04	-0.019	-0.020
23:34	-0.019	-0.020

02-20-18

TIME	HI "WC	LO "WC
00:04	-0.019	-0.020
00:34	-0.019	-0.020
01:04	-0.019	-0.020
01:34	-0.019	-0.020
02:04	-0.019	-0.021
02:34	-0.020	-0.020
03:04	-0.019	-0.021
03:34	-0.020	-0.021
04:04	-0.020	-0.021
04:34	-0.020	-0.021
05:04	-0.020	-0.021
05:34	-0.020	-0.021
06:04	-0.020	-0.021
06:34	-0.020	-0.021
07:04	-0.020	-0.025

07:34	-0.019	-0.020
08:04	-0.019	-0.020
08:34	-0.019	-0.020
09:04	-0.019	-0.020
09:34	-0.019	-0.025
10:04	-0.019	-0.020
10:34	-0.019	-0.020
11:04	-0.019	-0.020
11:34	-0.019	-0.021
12:04	-0.019	-0.020
12:34	-0.019	-0.020
13:04	-0.018	-0.020
13:34	-0.002	-0.025
14:04	-0.023	-0.025
14:34	-0.024	-0.025
15:04	-0.024	-0.025
15:34	-0.024	-0.030
16:04	-0.028	-0.030
16:34	-0.028	-0.030
17:04	-0.023	-0.030
17:34	-0.023	-0.024
18:04	-0.023	-0.023
18:34	-0.023	-0.023
19:04	-0.023	-0.024
19:34	-0.023	-0.024
20:04	-0.023	-0.023
20:34	-0.023	-0.024
21:04	-0.023	-0.024
21:34	-0.023	-0.024
22:04	-0.023	-0.024
22:34	-0.023	-0.024
23:04	-0.023	-0.024
23:34	-0.023	-0.024

02-21-18

TIME	HI "WC	LO "WC
00:04	-0.023	-0.024
00:34	-0.023	-0.024
01:04	-0.023	-0.024
01:34	-0.023	-0.024
02:04	-0.023	-0.024
02:34	-0.023	-0.024
03:04	-0.023	-0.024
03:34	-0.023	-0.024
04:04	-0.023	-0.024
04:34	-0.023	-0.024
05:04	-0.023	-0.024
05:34	-0.023	-0.024
06:04	-0.023	-0.024
06:34	-0.023	-0.024
07:04	-0.007	-0.036
07:34	-0.003	-0.030
08:04	-0.004	-0.029
08:34	+0.002	-0.023
09:04	-0.009	-0.026
09:34	0.000	-0.026
10:04	0.000	-0.025
10:34	-0.008	-0.029
11:04	-0.002	-0.023
11:34	-0.005	-0.024
12:04	-0.005	-0.023
12:34	-0.020	-0.026
13:04	-0.012	-0.028
13:34	-0.002	-0.023
14:04	-0.002	-0.018

BATTERY MODE

02-21-18 14:08:57

AC MODE

02-21-18 14:26:28

BATTERY MODE

02-21-18 14:27:52
14:34 +0.002 -0.024

AC MODE

02-21-18 14:37:34
15:04 +0.002 -0.021
15:34 -0.006 -0.026

BATTERY MODE

02-21-18 15:52:34

AC MODE

02-21-18 15:56:29
16:04 0.000 -0.028
16:34 -0.020 -0.023
17:04 -0.018 -0.023
17:34 -0.018 -0.019
18:04 -0.018 -0.019
18:34 -0.018 -0.019
19:04 -0.018 -0.019
19:34 -0.018 -0.019
20:04 -0.018 -0.019
20:34 -0.018 -0.019
21:04 -0.018 -0.019
21:34 -0.018 -0.019
22:04 -0.018 -0.019
22:34 -0.018 -0.019
23:04 -0.018 -0.019
23:34 -0.018 -0.019

02-22-18

TIME	HI "WC	LO "WC
00:04	-0.018	-0.019
00:34	-0.018	-0.019
01:04	-0.018	-0.019
01:34	-0.018	-0.019
02:04	-0.018	-0.019
02:34	-0.018	-0.019
03:04	-0.018	-0.019
03:34	-0.018	-0.019
04:04	-0.018	-0.019
04:34	-0.018	-0.019
05:04	-0.018	-0.019
05:34	-0.018	-0.019
06:04	-0.018	-0.019
06:34	-0.018	-0.019
07:04	-0.018	-0.019
07:34	-0.018	-0.023
08:04	-0.018	-0.021
08:34	-0.019	-0.021
09:04	-0.017	-0.021
09:34	-0.016	-0.018
10:04	-0.005	-0.019
10:34	-0.012	-0.015
11:04	0.000	-0.029
11:34	-0.020	-0.024
12:04	-0.018	-0.024
12:34	-0.018	-0.020
13:04	-0.018	-0.020
13:34	-0.018	-0.020
14:04	-0.018	-0.020
14:34	-0.018	-0.020
15:04	-0.018	-0.019
15:34	-0.017	-0.019
16:04	-0.018	-0.019
16:34	-0.018	-0.019
17:04	-0.017	-0.021
17:34	-0.017	-0.018
18:04	-0.017	-0.018
18:34	-0.017	-0.018
19:04	-0.017	-0.018
19:34	-0.017	-0.018
20:04	-0.017	-0.018
20:34	-0.017	-0.018
21:04	-0.017	-0.018
21:34	-0.017	-0.018
22:04	-0.017	-0.019
22:34	-0.017	-0.018
23:04	-0.018	-0.018
23:34	-0.017	-0.018

02-23-18

TIME	HI "WC	LO "WC
00:04	-0.018	-0.019
00:34	-0.017	-0.019
01:04	-0.017	-0.019
01:34	-0.017	-0.018
02:04	-0.018	-0.019
02:34	-0.018	-0.019
03:04	-0.018	-0.018
03:34	-0.017	-0.018
04:04	-0.018	-0.018
04:34	-0.018	-0.019
05:04	-0.018	-0.019
05:34	-0.017	-0.019
06:04	-0.017	-0.019
06:34	-0.018	-0.019
07:04	-0.017	-0.018
07:34	-0.018	-0.018
08:04	-0.018	-0.018
08:34	-0.017	-0.018
09:04	-0.017	-0.018
09:34	-0.018	-0.018
10:04	-0.007	-0.025
10:34	-0.006	-0.028
11:04	-0.007	-0.029

BATTERY MODE

02-23-18 11:08:04

11:34	-0.005	-0.035
12:04	-0.012	-0.027
12:34	-0.016	-0.024
13:04	-0.015	-0.017
13:34	-0.002	-0.022
14:04	-0.004	-0.024
14:34	-0.006	-0.021
15:04	-0.019	-0.023
15:34	-0.005	-0.022

AC MODE

02-23-18 15:56:05

16:04	-0.005	-0.029
16:34	-0.024	-0.026
17:04	-0.024	-0.026
17:34	-0.025	-0.026
18:04	-0.024	-0.026
18:34	-0.025	-0.026
19:04	-0.025	-0.026
19:34	-0.025	-0.026
20:04	-0.025	-0.026
20:34	-0.025	-0.026
21:04	-0.025	-0.026
21:34	-0.025	-0.026
22:04	-0.024	-0.026
22:34	-0.024	-0.026
23:04	-0.025	-0.026
23:34	-0.025	-0.026

02-24-18

TIME	HI "WC	LO "WC
00:04	-0.025	-0.026
00:34	-0.025	-0.026
01:04	-0.024	-0.026
01:34	-0.025	-0.026
02:04	-0.025	-0.026
02:34	-0.025	-0.026
03:04	-0.025	-0.026
03:34	-0.025	-0.026
04:04	-0.026	-0.027
04:34	-0.026	-0.027
05:04	-0.026	-0.027
05:34	-0.026	-0.027
06:04	-0.026	-0.027
06:34	-0.025	-0.027
07:04	-0.025	-0.027
07:34	-0.018	-0.027
08:04	-0.016	-0.025
08:34	-0.016	-0.025
09:04	-0.019	-0.026
09:34	-0.019	-0.026
10:04	-0.022	-0.026
10:34	-0.024	-0.027
11:04	-0.024	-0.027
11:34	-0.021	-0.026
12:04	-0.018	-0.026
12:34	-0.020	-0.026
13:04	-0.023	-0.026
13:34	-0.023	-0.026
14:04	-0.024	-0.026
14:34	-0.020	-0.026
15:04	-0.021	-0.025
15:34	-0.021	-0.026
16:04	-0.022	-0.025
16:34	-0.023	-0.026
17:04	-0.021	-0.026
17:34	-0.023	-0.026
18:04	-0.023	-0.026
18:34	-0.023	-0.026
19:04	-0.021	-0.026
19:34	-0.025	-0.026
20:04	-0.025	-0.027
20:34	-0.022	-0.026
21:04	-0.025	-0.026
21:34	-0.025	-0.026
22:04	-0.025	-0.026
22:34	-0.025	-0.026
23:04	-0.026	-0.027
23:34	-0.025	-0.026

02/25/18

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3

02-25-18

TIME	HI "WC	LO "WC
00:04	-0.025	-0.026
00:34	-0.026	-0.027
01:04	-0.026	-0.027
01:34	-0.026	-0.027
02:04	-0.026	-0.027
02:34	-0.025	-0.027
03:04	-0.026	-0.027
03:34	-0.026	-0.027
04:04	-0.026	-0.027
04:34	-0.026	-0.027
05:04	-0.024	-0.027
05:34	-0.026	-0.027
06:04	-0.024	-0.028
06:34	-0.024	-0.026
07:04	-0.025	-0.027
07:34	-0.021	-0.027
08:04	-0.021	-0.026
08:34	-0.017	-0.026
09:04	-0.015	-0.025
09:34	-0.021	-0.026
10:04	-0.021	-0.026
10:34	-0.023	-0.026
11:04	-0.021	-0.026
11:34	-0.019	-0.026
12:04	-0.017	-0.026
12:34	-0.019	-0.026
13:04	-0.017	-0.026
13:34	-0.018	-0.025
14:04	-0.020	-0.025
14:34	-0.022	-0.026
15:04	-0.022	-0.026
15:34	-0.022	-0.026
16:04	-0.018	-0.025
16:34	-0.022	-0.025
17:04	-0.023	-0.026
17:34	-0.024	-0.026
18:04	-0.025	-0.026
18:34	-0.024	-0.026
19:04	-0.024	-0.025
19:34	-0.025	-0.026
20:04	-0.025	-0.026
20:34	-0.025	-0.026
21:04	-0.025	-0.026
21:34	-0.025	-0.026
22:04	-0.025	-0.026
22:34	-0.025	-0.026
23:04	-0.025	-0.026
23:34	-0.025	-0.026

TIME	HI "WC	LO "WC
00:29	-0.032	-0.035
00:59	-0.033	-0.035
01:29	-0.033	-0.034
01:59	-0.033	-0.034
02:29	-0.033	-0.035
02:59	-0.033	-0.034
03:29	-0.033	-0.035
03:59	-0.034	-0.036
04:29	-0.034	-0.036
04:59	-0.033	-0.035
05:29	-0.034	-0.035
05:59	-0.034	-0.037
06:29	-0.035	-0.037
06:59	-0.034	-0.036
07:29	-0.034	-0.037
07:59	-0.034	-0.036
08:29	-0.034	-0.037
08:59	-0.034	-0.039
09:29	-0.033	-0.039
09:59	-0.033	-0.040
10:29	-0.031	-0.041
10:59	-0.030	-0.042
11:29	-0.030	-0.038
11:59	-0.029	-0.044
12:29	-0.029	-0.038
12:59	-0.029	-0.043
13:29	-0.028	-0.049
13:59	-0.026	-0.048
14:29	-0.028	-0.042
14:59	-0.027	-0.037
15:29	-0.028	-0.048
15:59	-0.027	-0.045
16:29	-0.027	-0.048
16:59	-0.028	-0.048
17:29	-0.027	-0.036
17:59	-0.027	-0.036
18:29	-0.027	-0.033
18:59	-0.028	-0.032
19:29	-0.029	-0.032
19:59	-0.029	-0.031
20:29	-0.029	-0.031
20:59	-0.029	-0.033
21:29	-0.030	-0.036
21:59	-0.030	-0.032
22:29	-0.030	-0.033
22:59	-0.030	-0.034
23:29	-0.030	-0.034
23:59	-0.031	-0.035

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TIME	HI "WC	LO "WC
00:29	-0.031	-0.035
00:59	-0.030	-0.033
01:29	-0.031	-0.033
01:59	-0.031	-0.033
02:29	-0.031	-0.032
02:59	-0.031	-0.033
03:29	-0.031	-0.033
03:59	-0.031	-0.033
04:29	-0.031	-0.034
04:59	-0.031	-0.033
05:29	-0.031	-0.033
05:59	-0.031	-0.033
06:29	-0.031	-0.034
06:59	-0.030	-0.035
07:29	-0.025	-0.035
07:59	-0.031	-0.038
08:29	-0.032	-0.040
08:59	-0.032	-0.040
09:29	-0.030	-0.036
09:59	-0.030	-0.039
10:29	-0.032	-0.039
10:59	-0.034	-0.043
11:29	-0.028	-0.043
11:59	-0.027	-0.051
12:29	-0.034	-0.049
12:59	-0.033	-0.048
13:29	-0.024	-0.045
13:59	-0.021	-0.048
14:29	-0.026	-0.047
14:59	-0.025	-0.048
15:29	-0.027	-0.032
15:59	-0.028	-0.033
16:29	-0.027	-0.048
16:59	-0.024	-0.038
17:29	-0.027	-0.035
17:59	-0.027	-0.033
18:29	-0.027	-0.038
18:59	-0.024	-0.038
19:29	-0.027	-0.029
19:59	-0.024	-0.038
20:29	-0.023	-0.031
20:59	-0.024	-0.031
21:29	-0.025	-0.031
21:59	-0.026	-0.029
22:29	-0.027	-0.029
22:59	-0.027	-0.029
23:29	-0.027	-0.029
23:59	-0.027	-0.030

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(4)

TIME	HT	"WC	LO	"WC
00:02	-0.027	-0.038		
00:31	-0.026	-0.034		
01:01	-0.026	-0.030		
01:31	-0.026	-0.030		
02:01	-0.026	-0.033		
02:31	-0.027	-0.032		
03:01	-0.026	-0.028		
03:31	-0.027	-0.031		
04:01	-0.027	-0.032		
04:31	-0.026	-0.028		
05:01	-0.025	-0.030		
05:31	-0.026	-0.030		
06:01	-0.026	-0.032		
06:31	-0.025	-0.031		
07:01	-0.028	-0.030		
07:31	-0.027	-0.030		
08:01	-0.028	-0.031		
08:31	-0.029	-0.032		

AI ARM 1 a -0.020" WC
 08:47:41 -0.019" WC
 08:47:56 -0.017" WC
 08:48:11 -0.017" WC
 08:48:26 -0.018" WC
 08:48:41 -0.018" WC
 08:48:56 -0.017" WC
 08:49:11 -0.018" WC
 08:49:26 -0.018" WC
 08:49:41 -0.018" WC
 08:49:56 -0.018" WC

NORMAL OP 08:50:03

AI ARM 1 a -0.020" WC
 08:50:28 -0.019" WC
 08:50:42 -0.011" WC
 08:50:57 -0.012" WC
 08:51:12 -0.013" WC
 08:51:27 -0.013" WC
 08:51:42 -0.014" WC
 08:51:57 -0.014" WC

NORMAL OP 08:52:12

AI ARM 1 a -0.020" WC
 09:12:56 -0.019" WC

NORMAL OP 09:13:01

AI ARM 1 a -0.020" WC
 09:23:30 -0.019" WC
 09:23:44 -0.013" WC
 09:23:59 -0.015" WC
 09:24:14 -0.015" WC
 09:24:29 -0.015" WC

NORMAL OP 09:24:43

TIME	HT	"WC	LO	"WC
09:54	-0.021	-0.042		

AI ARM 1 a -0.020" WC
 09:56:36 -0.019" WC

NORMAL OP 09:56:49

AI ARM 1 a -0.020" WC
 09:57:07 -0.019" WC
 09:57:22 -0.020" WC

NORMAL OP 09:57:23

TIME	HT	"WC	LO	"WC
10:27	-0.021	-0.034		

AI ARM 1 a -0.020" WC
 10:28:39 -0.019" WC
 10:28:54 -0.017" WC
 10:29:09 -0.018" WC
 10:29:24 -0.019" WC
 10:29:39 -0.020" WC

NORMAL OP 10:29:41

AI ARM 1 a -0.020" WC
 10:30:03 -0.019" WC
 10:30:18 -0.020" WC

NORMAL OP 10:30:32

AI ARM 1 a -0.020" WC
 10:30:45 -0.019" WC
 10:31:00 -0.018" WC
 10:31:15 -0.019" WC
 10:31:30 -0.020" WC

NORMAL OP 10:31:31

AI ARM 1 a -0.020" WC
 10:32:31 -0.019" WC

NORMAL OP 10:32:33

AI ARM 1 a -0.020" WC
 10:35:35 -0.019" WC

NORMAL OP 10:35:43

AI ARM 1 a -0.020" WC
 10:41:01 -0.019" WC

NORMAL OP 10:41:15

AI ARM 1 a -0.020" WC
 10:42:05 -0.019" WC
 10:42:19 -0.020" WC

NORMAL OP 10:42:20

AI ARM 1 a -0.020" WC
 11:09:16 -0.019" WC
 11:09:31 -0.017" WC
 11:09:46 -0.018" WC
 11:10:01 -0.017" WC
 11:10:16 -0.020" WC

NORMAL OP 11:10:18

AI ARM 1 a -0.020" WC
 11:20:54 -0.019" WC

NORMAL OP 11:21:01

AI ARM 1 a -0.020" WC
 11:28:53 -0.019" WC
 11:29:08 -0.020" WC

NORMAL OP 11:29:12

TIME	HT	"WC	LO	"WC
11:59	-0.020	-0.032		

AI ARM 1 a -0.020" WC
 12:00:43 -0.019" WC

NORMAL OP 12:00:53

AI ARM 1 a -0.020" WC
 12:16:24 -0.019" WC

NORMAL OP 12:16:32

AI ARM 1 a -0.020" WC
 12:23:41 -0.019" WC

NORMAL OP 12:23:47

TIME	HT	"WC	LO	"WC
12:53	-0.021	-0.034		
13:23	-0.024	-0.028		
13:53	-0.023	-0.027		
14:23	-0.021	-0.033		

AI ARM 1 a -0.020" WC
 14:43:49 -0.019" WC

NORMAL OP 14:43:53

AI ARM 1 a -0.020" WC
 14:48:22 -0.019" WC

NORMAL OP 14:48:26

TIME	HT	"WC	LO	"WC
15:18	-0.021	-0.027		
15:48	-0.023	-0.034		
16:18	-0.024	-0.031		
16:48	-0.027	-0.043		
17:18	-0.027	-0.043		
17:48	-0.027	-0.031		
18:18	-0.027	-0.031		
18:48	-0.027	-0.029		
19:18	-0.027	-0.029		
19:48	-0.027	-0.030		
20:18	-0.027	-0.037		
20:48	-0.027	-0.029		
21:18	-0.027	-0.026		
21:48	-0.027	-0.026		
22:18	-0.023	-0.027		
22:48	-0.023	-0.028		
23:18	-0.024	-0.029		
23:48	-0.025	-0.029		

03/01/18

03/02/18

(5)

TIME	HT	"MC	IN	"MC
00:1R	-0.024	-0.029		
00:4R	-0.024	-0.029		
01:1R	-0.023	-0.028		
01:4R	-0.022	-0.028		
02:1R	-0.023	-0.029		
02:4R	-0.023	-0.028		
03:1R	-0.025	-0.029		
03:4R	-0.024	-0.028		
04:1R	-0.024	-0.028		
04:4R	-0.024	-0.029		
05:1R	-0.023	-0.028		
05:4R	-0.024	-0.028		
06:1R	-0.024	-0.029		
06:4R	-0.024	-0.029		
07:1R	-0.027	-0.029		
07:4R	-0.026	-0.029		
08:1R	-0.023	-0.028		
08:4R	-0.025	-0.030		
09:1R	-0.027	-0.030		
09:4R	-0.027	-0.030		
10:1R	-0.027	-0.030		
10:4R	-0.026	-0.031		
11:1R	-0.024	-0.035		
11:4R	-0.024	-0.029		
12:1R	-0.026	-0.028		
12:4R	-0.026	-0.029		
13:1R	-0.027	-0.031		
13:4R	-0.026	-0.033		
14:1R	-0.027	-0.033		
14:4R	-0.026	-0.041		
15:1R	-0.027	-0.032		
15:4R	-0.027	-0.030		
16:1R	-0.026	-0.043		
16:4R	-0.027	-0.031		
17:1R	-0.027	-0.032		
17:4R	-0.027	-0.031		
18:1R	-0.027	-0.031		
18:4R	-0.027	-0.030		
19:1R	-0.027	-0.030		
19:4R	-0.025	-0.046		
20:1R	-0.026	-0.046		
20:4R	-0.027	-0.029		
21:1R	-0.027	-0.029		
21:4R	-0.026	-0.028		
22:1R	-0.026	-0.027		
22:4R	-0.026	-0.029		
23:1R	-0.026	-0.030		
23:4R	-0.026	-0.028		

TIME	HT	"MC	IN	"MC
00:1R	-0.026	-0.029		
00:4R	-0.027	-0.030		
01:1R	-0.027	-0.028		
01:4R	-0.026	-0.029		
02:1R	-0.025	-0.029		
02:4R	-0.026	-0.029		
03:1R	-0.026	-0.029		
03:4R	-0.026	-0.029		
04:1R	-0.026	-0.029		
04:4R	-0.027	-0.029		
05:1R	-0.026	-0.029		
05:4R	-0.025	-0.029		
06:1R	-0.025	-0.029		
06:4R	-0.027	-0.028		
07:1R	-0.026	-0.028		
07:4R	-0.026	-0.028		
08:1R	-0.027	-0.029		
08:4R	-0.027	-0.029		
09:1R	-0.027	-0.030		
09:4R	-0.027	-0.030		
10:1R	-0.027	-0.030		
10:4R	-0.026	-0.045		
11:1R	-0.027	-0.030		
11:4R	-0.028	-0.030		
12:1R	-0.027	-0.030		
12:4R	-0.027	-0.029		
13:1R	-0.027	-0.029		
13:4R	-0.027	-0.030		
14:1R	-0.027	-0.031		
14:4R	-0.026	-0.043		
15:1R	-0.026	-0.029		
15:4R	-0.026	-0.042		
16:1R	-0.024	-0.040		
16:4R	-0.026	-0.029		
17:1R	-0.026	-0.029		
17:4R	-0.026	-0.028		
18:1R	-0.026	-0.029		
18:4R	-0.026	-0.029		
19:1R	-0.026	-0.029		
19:4R	-0.026	-0.029		
20:1R	-0.026	-0.040		
20:4R	-0.024	-0.034		
21:1R	-0.026	-0.030		
21:4R	-0.026	-0.029		
22:1R	-0.026	-0.029		
22:4R	-0.026	-0.028		
23:1R	-0.027	-0.029		
23:4R	-0.027	-0.029		

03/03/18

03/04/18

03/05/18

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TIME	HT	"WC	LO	"WC
00:18	-0.024	-0.029		
00:48	-0.024	-0.029		
01:18	-0.023	-0.028		
01:48	-0.022	-0.028		
02:18	-0.023	-0.029		
02:48	-0.023	-0.028		
03:18	-0.025	-0.029		
03:48	-0.024	-0.028		
04:18	-0.024	-0.028		
04:48	-0.024	-0.029		
05:18	-0.023	-0.028		
05:48	-0.024	-0.028		
06:18	-0.024	-0.029		
06:48	-0.024	-0.029		
07:18	-0.027	-0.029		
07:48	-0.026	-0.029		
08:18	-0.023	-0.028		
08:48	-0.025	-0.030		
09:18	-0.027	-0.030		
09:48	-0.027	-0.030		
10:18	-0.027	-0.030		
10:48	-0.026	-0.031		
11:18	-0.024	-0.035		
11:48	-0.024	-0.029		
12:18	-0.026	-0.028		
12:48	-0.026	-0.029		
13:18	-0.027	-0.031		
13:48	-0.026	-0.033		
14:18	-0.027	-0.033		
14:48	-0.026	-0.041		
15:18	-0.027	-0.032		
15:48	-0.027	-0.030		
16:18	-0.026	-0.043		
16:48	-0.027	-0.031		
17:18	-0.027	-0.032		
17:48	-0.027	-0.031		
18:18	-0.027	-0.031		
18:48	-0.027	-0.030		
19:18	-0.027	-0.030		
19:48	-0.025	-0.046		
20:18	-0.026	-0.046		
20:48	-0.027	-0.029		
21:18	-0.027	-0.029		
21:48	-0.026	-0.028		
22:18	-0.026	-0.027		
22:48	-0.026	-0.029		
23:18	-0.026	-0.030		
23:48	-0.026	-0.028		

TIME	HT	"WC	LO	"WC
00:18	-0.026	-0.029		
00:48	-0.027	-0.030		
01:18	-0.027	-0.028		
01:48	-0.026	-0.029		
02:18	-0.025	-0.029		
02:48	-0.026	-0.029		
03:18	-0.026	-0.029		
03:48	-0.026	-0.029		
04:18	-0.026	-0.029		
04:48	-0.027	-0.029		
05:18	-0.026	-0.029		
05:48	-0.025	-0.029		
06:18	-0.025	-0.029		
06:48	-0.027	-0.028		
07:18	-0.026	-0.028		
07:48	-0.026	-0.028		
08:18	-0.027	-0.029		
08:48	-0.027	-0.029		
09:18	-0.027	-0.030		
09:48	-0.027	-0.030		
10:18	-0.027	-0.030		
10:48	-0.026	-0.045		
11:18	-0.027	-0.030		
11:48	-0.028	-0.030		
12:18	-0.027	-0.030		
12:48	-0.027	-0.029		
13:18	-0.027	-0.029		
13:48	-0.027	-0.030		
14:18	-0.027	-0.031		
14:48	-0.026	-0.043		
15:18	-0.026	-0.029		
15:48	-0.026	-0.042		
16:18	-0.024	-0.040		
16:48	-0.026	-0.029		
17:18	-0.026	-0.029		
17:48	-0.026	-0.028		
18:18	-0.026	-0.029		
18:48	-0.026	-0.029		
19:18	-0.026	-0.029		
19:48	-0.026	-0.029		
20:18	-0.026	-0.040		
20:48	-0.024	-0.034		
21:18	-0.026	-0.030		
21:48	-0.026	-0.029		
22:18	-0.026	-0.029		
22:48	-0.026	-0.028		
23:18	-0.027	-0.029		
23:48	-0.027	-0.029		

TIME	HT	"WC	LO	"WC
00:04	-0.019	-0.020		
00:34	-0.019	-0.020		
01:04	-0.019	-0.020		
01:34	-0.019	-0.020		
02:04	-0.019	-0.021		
02:34	-0.020	-0.020		
03:04	-0.019	-0.021		
03:34	-0.020	-0.021		
04:04	-0.020	-0.021		
04:34	-0.020	-0.021		
05:04	-0.020	-0.021		
05:34	-0.020	-0.021		
06:04	-0.020	-0.021		
06:34	-0.020	-0.021		
07:04	-0.020	-0.025		
07:34	-0.019	-0.020		
08:04	-0.019	-0.020		
08:34	-0.019	-0.020		
09:04	-0.019	-0.020		
09:34	-0.019	-0.025		
10:04	-0.019	-0.020		
10:34	-0.019	-0.020		
11:04	-0.019	-0.020		
11:34	-0.019	-0.021		
12:04	-0.019	-0.020		
12:34	-0.019	-0.020		
13:04	-0.018	-0.020		
13:34	-0.002	-0.025		
14:04	-0.023	-0.025		
14:34	-0.024	-0.025		
15:04	-0.024	-0.025		
15:34	-0.024	-0.030		
16:04	-0.028	-0.030		
16:34	-0.028	-0.030		
17:04	-0.023	-0.030		
17:34	-0.023	-0.024		
18:04	-0.023	-0.023		
18:34	-0.023	-0.023		
19:04	-0.023	-0.024		
19:34	-0.023	-0.024		
20:04	-0.023	-0.023		
20:34	-0.023	-0.024		
21:04	-0.023	-0.024		
21:34	-0.023	-0.024		
22:04	-0.023	-0.024		
22:34	-0.023	-0.024		
23:04	-0.023	-0.024		
23:34	-0.023	-0.024		

JKS Industries

Work Order Post Tally Log

Prepared By: Miguel Leon

Work Order Name and #

Phase # 9

Date:

Force and Hours								Budget	
Week #	Day of Week	Date	Position or Classification	Labor	Supervision	Total Hours	Week to Date	Budget	Remaining Hours
2	Thur	02-22-18	Asbestos	9	1	10	10	60	50
3	Mon	02-26-18	Asbestos	18	4	22	32	50	18
			100%						
TTL									

One Containment

Phase #10 (unit #211 / #215 / #217 / #218 / #243 - #241)

20 hours

20

20

20

JKS Industries

Work Order Post Tally Log

Prepared By:

Work Order Name and #

Date:

Force and Hours								Budget	
Week #	Day of Week	Date	Position or Classification	Labor	Supervision	Total Hours	Week to Date	Budget	Remaining Hours
3	Sat	03-03-18	Asbestos	24	4	28	28	100	72
4	Mon	03-05-18	Asbestos	10	2	42	40	72	60
4	Tue	03-06-18	Asbestos	16	1	17	57	60	49
100%									
TTL									

Phase # II

03-06-18

START INR
Tab 18 300 5 70

03/09/18

NORMOI OP 16:57:18

TIME	HT	#MC	LO	#MC
17:27	-0.016	-0.047		
17:57	-0.034	-0.050		
18:27	-0.035	-0.040		
18:57	-0.034	-0.040		
19:27	-0.036	-0.043		
19:57	-0.035	-0.041		
20:27	-0.035	-0.037		
20:57	-0.035	-0.030		
21:27	-0.035	-0.039		
21:57	-0.036	-0.030		
22:27	-0.036	-0.039		
22:57	-0.037	-0.040		
23:27	-0.037	-0.041		
23:57	-0.037	-0.040		

03/08/18

03-08-18

TIME	HT	#MC	LO	#MC
00:27	-0.036	-0.039		
00:57	-0.036	-0.030		
01:27	-0.036	-0.039		
01:57	-0.036	-0.030		
02:27	-0.036	-0.030		
02:57	-0.036	-0.037		
03:27	-0.036	-0.030		
03:57	-0.036	-0.030		
04:27	-0.036	-0.030		
04:57	-0.035	-0.030		
05:27	-0.035	-0.030		
05:57	-0.034	-0.041		
06:27	-0.034	-0.040		
06:57	-0.033	-0.040		
07:27	-0.035	-0.039		
07:57	-0.034	-0.043		
08:27	-0.034	-0.044		
08:57	-0.030	-0.035		
09:27	-0.021	-0.030		
09:57	-0.021	-0.037		
10:27	-0.024	-0.037		
10:57	-0.017	-0.034		

01 APRM 1 2 -0.015" MC
11:13:44 -0.014" MC

NORMOI OP 11:13:49

TIME	HT	#MC	LO	#MC
11:43	-0.016	-0.041		
12:13	-0.030	-0.045		
12:43	-0.032	-0.049		
13:13	-0.022	-0.045		
13:43	-0.025	-0.033		

01 APRM 1 2 -0.015" MC
14:11:10 -0.014" MC

NORMOI OP 14:11:14

03-09-18

TIME	HT	#MC	LO	#MC
00:18	-0.026	-0.031		
00:48	-0.027	-0.029		
01:18	-0.027	-0.029		
01:48	-0.027	-0.030		
02:18	-0.027	-0.031		
02:48	-0.027	-0.031		
03:18	-0.025	-0.036		
03:48	-0.027	-0.034		
04:18	-0.020	-0.030		
04:48	-0.020	-0.031		
05:18	-0.027	-0.031		
05:48	-0.020	-0.031		
06:18	-0.020	-0.031		
06:48	-0.020	-0.030		
07:18	-0.027	-0.029		
07:48	-0.026	-0.039		

01 APRM 1 2 -0.015" MC
07:59:33 -0.014" MC

NORMOI OP 07:59:34

TIME	HT	#MC	LO	#MC
08:29	-0.016	-0.040		
08:59	-0.026	-0.040		
09:29	-0.027	-0.047		
09:59	-0.019	-0.030		
10:29	-0.021	-0.043		
10:59	-0.025	-0.041		
11:29	-0.026	-0.046		
11:59	-0.010	-0.041		
12:29	-0.020	-0.053		
12:59	-0.020	-0.053		
13:29	-0.035	-0.046		
13:59	-0.033	-0.043		
14:29	-0.022	-0.049		
14:59	-0.017	-0.046		
15:29	-0.026	-0.055		
15:59	-0.033	-0.065		
16:29	-0.034	-0.071		
16:59	-0.032	-0.060		
17:29	-0.033	-0.065		
17:59	-0.032	-0.051		
18:29	-0.031	-0.060		
18:59	-0.020	-0.062		
19:29	-0.032	-0.051		
19:59	-0.032	-0.039		
20:29	-0.032	-0.036		
20:59	-0.031	-0.034		
21:29	-0.031	-0.034		
21:59	-0.032	-0.036		
22:29	-0.032	-0.036		
22:59	-0.032	-0.030		
23:29	-0.032	-0.035		
23:59	-0.031	-0.037		

03/10/18

03-10-18			
TIME	HT	#WC	IO #WC
00:29	-0	031	-0, 030
00:59	-0	032	-0, 035
01:29	-0	032	-0, 035
01:59	-0	030	-0, 042
02:29	-0	033	-0, 059
02:59	-0	032	-0, 040
03:29	-0	032	-0, 030
03:59	-0	030	-0, 037
04:29	-0	031	-0, 042
04:59	-0	032	-0, 042
05:29	-0	033	-0, 032
05:59	-0	032	-0, 039
06:29	-0	032	-0, 042
06:59	-0	034	-0, 042
07:29	-0	034	-0, 039
07:59	-0	034	-0, 042
08:29	-0	033	-0, 042
08:59	-0	032	-0, 039
09:29	-0	032	-0, 052
09:59	-0	034	-0, 065
10:29	-0	035	-0, 061
10:59	-0	035	-0, 063
11:29	-0	034	-0, 063
11:59	-0	031	-0, 061
12:29	-0	022	-0, 045
12:59	-0	026	-0, 040
13:29	-0	020	-0, 030
13:59	-0	027	-0, 037
14:29	-0	020	-0, 044
14:59	-0	024	-0, 041
15:29	-0	021	-0, 039
15:59	-0	024	-0, 039
16:29	-0	026	-0, 037
16:59	-0	022	-0, 040
17:29	-0	020	-0, 042
17:59	-0	022	-0, 041
18:29	-0	023	-0, 039
18:59	-0	021	-0, 043
19:29	-0	026	-0, 030
19:59	-0	027	-0, 030
20:29	-0	025	-0, 037
20:59	-0	031	-0, 039
21:29	-0	031	-0, 042
21:59	-0	032	-0, 030
22:29	-0	032	-0, 034
22:59	-0	032	-0, 034
23:29	-0	033	-0, 034
23:59	-0	033	-0, 035

03/11/12

03-11-18			
TIME	HT	#WC	IO #WC
00:29	-0	032	-0, 035
00:59	-0	033	-0, 035
01:29	-0	033	-0, 034
01:59	-0	033	-0, 034
02:29	-0	033	-0, 035
02:59	-0	033	-0, 034
03:29	-0	033	-0, 035
03:59	-0	034	-0, 036
04:29	-0	034	-0, 036
04:59	-0	033	-0, 035
05:29	-0	034	-0, 035
05:59	-0	034	-0, 037
06:29	-0	035	-0, 037
06:59	-0	034	-0, 036
07:29	-0	034	-0, 037
07:59	-0	034	-0, 036
08:29	-0	034	-0, 037
08:59	-0	034	-0, 039
09:29	-0	033	-0, 039
09:59	-0	033	-0, 040
10:29	-0	031	-0, 041
10:59	-0	030	-0, 042
11:29	-0	030	-0, 030
11:59	-0	029	-0, 044
12:29	-0	029	-0, 030
12:59	-0	029	-0, 043
13:29	-0	020	-0, 049
13:59	-0	026	-0, 040
14:29	-0	020	-0, 042
14:59	-0	027	-0, 037
15:29	-0	020	-0, 040
15:59	-0	027	-0, 045
16:29	-0	022	-0, 040
16:59	-0	020	-0, 040
17:29	-0	022	-0, 036
17:59	-0	027	-0, 033
18:29	-0	027	-0, 033
18:59	-0	020	-0, 032
19:29	-0	029	-0, 032
19:59	-0	029	-0, 031
20:29	-0	029	-0, 031
20:59	-0	029	-0, 033
21:29	-0	030	-0, 036
21:59	-0	030	-0, 032
22:29	-0	030	-0, 033
22:59	-0	030	-0, 034
23:29	-0	030	-0, 034
23:59	-0	031	-0, 035

03/12/13

03-12-18			
TIME	HT	#WC	IO #WC
00:29	-0	031	-0, 035
00:59	-0	030	-0, 033
01:29	-0	031	-0, 033
01:59	-0	031	-0, 033
02:29	-0	031	-0, 032
02:59	-0	031	-0, 033
03:29	-0	031	-0, 033
03:59	-0	031	-0, 033
04:29	-0	031	-0, 034
04:59	-0	031	-0, 033
05:29	-0	031	-0, 033
05:59	-0	031	-0, 033
06:29	-0	031	-0, 034
06:59	-0	030	-0, 033
07:29	-0	025	-0, 035
07:59	-0	031	-0, 030
08:29	-0	032	-0, 042
08:59	-0	032	-0, 042
09:29	-0	030	-0, 036
09:59	-0	030	-0, 039
10:29	-0	032	-0, 039
10:59	-0	034	-0, 043
11:29	-0	020	-0, 043
11:59	-0	027	-0, 051
12:29	-0	034	-0, 049
12:59	-0	033	-0, 040
13:29	-0	024	-0, 045
13:59	-0	021	-0, 040
14:29	-0	026	-0, 047
14:59	-0	025	-0, 043
15:29	-0	022	-0, 032
15:59	-0	020	-0, 033
16:29	-0	022	-0, 040
16:59	-0	024	-0, 030
17:29	-0	022	-0, 035
17:59	-0	022	-0, 033
18:29	-0	022	-0, 030
18:59	-0	024	-0, 030
19:29	-0	022	-0, 032
19:59	-0	024	-0, 030
20:29	-0	023	-0, 031
20:59	-0	024	-0, 031
21:29	-0	025	-0, 031
21:59	-0	026	-0, 029
22:29	-0	027	-0, 022
22:59	-0	027	-0, 029
23:29	-0	027	-0, 029
23:59	-0	027	-0, 030

Cleanup

JKS Industries

Work Order Post Tally Log

Work Order Name and # Phase # 16

Prepared By: _____
Date: _____

Force and Hours								Budget	
Week #	Day of Week	Date	Position or Classification	Labor	Supervision	Total Hours	Week to Date	Budget	Remaining Hours
1	Mon	02-12-18	Cleanup	45	9	54	54	380	326
1	Tue	02-13-18	Cleanup	4.5	9	50.5	104.5	326	275.5
1	Wed	02-14-18	Cleanup	51.5	5	56.5	161	275.5	219
1	Thor	02-15-18	Cleanup	53	9	62	223	219	157
1	Fri	02-16-18	Cleanup	43	5	48	271	157	109
			Garage and back yard						
05	Fri	03-16-18	Cleanup	32	5	37	308	109	72
			90%						
		03-16-18							
			100%						
TTL									



JKS Industries, LLC
747 Sheridan Blvd., Suite 9A
Lakewood, CO 80214

Daily Log

Project Name: Kiewit I-70 East **Project Number:** 18-300 **Shift Start:** 8:00 am
Day: Monday **Date:** 02/12/2018 **Shift End:** 6:30
Supervisor: Miguel Leon (**VERIFIED** by Miguel Leon - 02/12/2018 04:19 PM) **Project Manager:** Jeffrey Knight

Daily Log

8 a.m. crew arrived in the office to have a pre-construction meetings. 9:00 We left the office and drive down to the job site.
9:30 arrive in the job site in everybody have a safety meeting and sign in.
I have a walk with Jeff in Reuben to show me all the areas including basement and boiler room.
Crew of 5 workers began to clean up the main office in take all the trash to the dumpster we well use the main room for office and brake room.
12:00 lunch time back from lunch at 1pm continued working at the basement taking out all the items and treated is trash debris.
2:00 main office in basement is complete begin to work on unit 101, 102, clean up the 2 Units taking all the items in to the dumpster such bad matrices cheats, tables, 1 dumpster is already full call waste solution for picked up and returned. Finish the two units by the end of the day the whole crew begin to clean up and secure the job site quit working at 5:30

Visitors to site

Several people stopped at the job site they trying to grab scrap metal we tell them they cannot enter to this area for safety purposes.

Status at quitting time

Inspections made / Tests performed

Tracking

Daily Bag Count:

Project to date bag count:

Container #:

One dumpster of regular trash debris is full ready for pickup and return tomorrow

Bag in Container by date:

Unusual Conditions or Problems & Action Taken

unit 103 we found bed bugs crew stop working in use Tyvek suits to continuing working safely.



JKS Industries, LLC
747 Sheridan Blvd., Suite 9A
Lakewood, CO 80214

Daily Log

Project Name: Kiewit I-70 East	Project Number: 18-300	Shift Start: 7:am
Day: Tuesday	Date: 02/13/2018	Shift End: 5:30
Supervisor: Miguel Leon (VERIFIED by Miguel Leon - 02/13/2018 02:26 PM)		Project Manager: Jeffrey Knight

Daily Log

7:00 Began with safety meeting and stretching.

Crew began to clean up units from 104 to 109 taking all the items to the dumpster and trash debris by hand in using wheel barrels and Dolly for the heavy items.

Carlos and Felipe begin to clean up all the trash debris is outside the units at 10 a.m. 2 dumpsters are already full. Crew move down to the basement boiler area and began to clean up.

11:00 switch dumpster #1.

11:30 switch dumpster #2

12:00 switch dumpster #3

Lunch time- Back from lunch at 1:00 and crew continued clean up the the second floor on units 100's.

2:00 pm delivery of 40 yard dumpster on site.

3:00 finish all the clean up on the second floor and first floor 100's units

Crew continued clean up boiler area and basement. By 5:30 clean and organize the work area and secure all the doors 1 dumpster full ready for swap tomorrow morning.

Visitors to site

Michael Schnarr (Kiewit)

Elizabeth Barteau (Kiewit)

James Brown (Denver police department)

Jeff Knight (JKS)

Stephen Di Nardo (JKS)

Ruben Domingo (JKS)

Courtney O'Connor (Kiewit)

Status at quitting time

Inspections made / Tests performed

Tracking

Daily Bag Count:

Project to date bag count:

Container #:

#1

#2

#3

Bag in Container by date:

Unusual Conditions or Problems & Action Taken



JKS Industries, LLC
747 Sheridan Blvd., Suite 9A
Lakewood, CO 80214

Daily Log

Project Name: Kiewit I-70 East **Project Number:** 18-300 **Shift Start:** 7:am
Day: Wednesday **Date:** 02/14/2018 **Shift End:** 5:30
Supervisor: Miguel Leon (**VERIFIED** by Miguel Leon - 02/14/2018 08:08 AM) **Project Manager:** Jeffrey Knight

Daily Log

Crew arrived on time begin with the safety meeting we also did the stretching for safety purpose.

7:20 explain to the crew the task of the day.

- working on the second floor 200's
- wear proper PPE for the task
- moving furniture by hand down to the dumpster, matrices, tables, chairs and trash.

11:00 Switch 2 dumpster.

Dumpster #4.

Dumpster #5

Crew finished the second floor at 12 noon.

Lunch time Back from lunch at 1:00 and crew began to work on the first floor moving items to the dumpster and 3 workers continued cleaning the basemen by 5:00 pm finished all the clean up except for unit 212 wi well finish the unit tomorrow.

Secured the site and close the main gate.

Visitors to site

Status at quitting time

Inspections made / Tests performed

Tracking

Daily Bag Count:

Project to date bag count:

Container #:

#4

#5

Bag in Container by date:

Unusual Conditions or Problems & Action Taken



JKS Industries, LLC
747 Sheridan Blvd., Suite 9A
Lakewood, CO 80214

Daily Log

Project Name: Kiewit I-70 East **Project Number:** 18-300 **Shift Start:** 7:am
Day: Thursday **Date:** 02/15/2018 **Shift End:** 5:30
Supervisor: Miguel Leon (VERIFIED by Miguel Leon - 02/15/2018 08:12 PM) **Project Manager:** Jeffrey Knight

Daily Log

7:00 am Began with a safety meeting and stretch, workplan for the day.
7:30 Preclean and set up secondary containment on phase#2, five technician for this phase.
Phase#3 began Preclean and set up secondary containment with 3 technician.
Crew of 4 demo workers tack out sinks and toilets from second floor units 200s.
11:00 finish all the set up on phase#3
Secondary containment.
1-2000 cfm negative air machine running.
12x12 view port in place.
1-airless sprayer inside containment with amended water.
Demo crew finish demo out sinks, toilets, doors and hall out to the dumpster.
12 Lunch time Back from lunch at 1:00 Crew from phase 3 suited up and started scrape the floor tile.
Demo crew began to demo toilets, doors and sinks on units 200s second floor.
3:30 Finish all of the set up secondary containment phase #2 crew suited up to wrap the pipes with 2 layers of 6 mil poly.
By 5:00 finish all the demo from 200s units and 1-40 yard dumpster complete full. Secure all the the doors and clean up work areas. Quit working at 5:30

Visitors to site

Status at quitting time

Inspections made / Tests performed

N/A

Tracking

Daily Bag Count:

Project to date bag count:

Container #:

#6

#7

Bag in Container by date:

Unusual Conditions or Problems & Action Taken



JKS Industries, LLC
747 Sheridan Blvd., Suite 9A
Lakewood, CO 80214

Daily Log

Project Name: Kiewit I-70 East	Project Number: 18-300	Shift Start: 7:am
Day: Friday	Date: 02/16/2018	Shift End: 5:30
Supervisor: Miguel Leon (VERIFIED by Miguel Leon - 02/16/2018 02:19 PM)		Project Manager: Jeffrey Knight

Daily Log

7am crew arrived on time and begin with the safety meeting.
Phase #2 Crew of 4 guys continuing wrapping pipes on the basement.
Phase# 2 crew of for guys suited up to go inside containment and finish scraping the tile.
Jerry and David get everything ready to take out contents from the garage.
10:00 phase 3 finish remove the tile and began to scrape lose debris and scrape the brown mastic with hand scrapers.
12:00 lunch time-1:00 pm back from lunch hop I breathe safety meeting to discuss the use of mastic remover and review the MSDS. Phase #3 crew suit upt to begin remove black mastic.
2:00 phase# 2 have a brief safety meeting and discuss the proper use of Zawzall have PPE at all times.
Suit and respirator
Hard hat
Safety glasses
Steel toe boots.
Demo crew continued cleaning the garage area and storing all the hazardous materials.
Buckets of paint, refrigerator, AC units, tv's, macrowaves, fire extinguisher.
5:00 finished cutting all the pipes from phase#2 and hall out waste to the dumpster.
Phase #3 finish remove all of the mastic final detail tomorrow.
Crew began to clean work area and secure the site

Visitors to site

Status at quitting time

Inspections made / Tests performed

Tracking

Daily Bag Count:

20 bags from phase #3

Project to date bag count:

Container #:

#8 - 30 yards

#9 - 40 yards

Bag in Container by date:

Containment# 3.

20 doble bags with floor tile.

Unusual Conditions or Problems & Action Taken



JKS Industries, LLC
747 Sheridan Blvd., Suite 9A
Lakewood, CO 80214

Daily Log

Project Name: Kiewit I-70 East **Project Number:** 18-300 **Shift Start:** 7:30
Day: Saturday **Date:** 02/17/2018 **Shift End:** 4:00
Supervisor: Miguel Leon (VERIFIED by Miguel Leon - 02/17/2018 03:21 PM) **Project Manager:** Jeffrey Knight

Daily Log

730 crew arrived on time and began with a safety meeting right after crew start stretching.
Three guys suited up to go inside containment on face number 2 to begin in remove the cove base on room AA.
Phase# 3- 2 workers wear a suit and respirator to do final detail all around the edges and clean up the floor with soap and water.
11:00 doing double bag on phase 3 wet wipe each piece of tools and take all the equipment that we don't need outside containment.
12:00 lunch time- back from lunch at 1 p.m.
Pace 3 is complete ready for final inspection and air clearances.
Crew of two workers begin to mobilize Equipment and supply to set up phase #4 Full containment.
HEPA vacuum the carpet and set up one negative air machine on unit 104.
Phase#2 crew finish all the final detail in containment ready for final visual and final air clearance.
Clean up all the work areas insecure all the job site quit working at 4 p.m.

Visitors to site

Tony Pollack.(Stanley consulting)

Status at quitting time

Inspections made / Tests performed

Tracking

Daily Bag Count:

15 from phase #2
6 from phase #3

Project to date bag count:

Container #:

Asbestos Container #1

Bag in Container by date:

Unusual Conditions or Problems & Action Taken



JKS Industries, LLC
747 Sheridan Blvd., Suite 9A
Lakewood, CO 80214

Daily Log

Project Name: Kiewit I-70 East	Project Number: 18-300	Shift Start: 6:30
Day: Monday	Date: 02/19/2018	Shift End: 5:00 pm
Supervisor: Miguel Leon (VERIFIED by Miguel Leon - 02/19/2018 01:43 PM)		Project Manager: Jeffrey Knight

Daily Log

630 crew arrived on time and begin with a safety meeting right after have a crew stretching.
Phase #3 two guys suited up with half face respirator to do final detail one corner area inside secondary containment-finish at 8:00 am.
Phase #6 crew of seven guys begin to mobilize equipment and supplies to set up full containment.
- Shower decontamination unit, (clean room , shower room and dirty room)
-2stage waste load out.
- two layers of 4 ml poly on the walls in two layers of 6 ml on the floors.
Phase #1 two workers begin to set up work area in remove one window with caulking (component removal) total time to complete this face removal 2 hours. Same crew after they finish phase #1 move to phase #5 and remove asbestos material with remote shower (appendix B) finish this area at 11 a.m.
12 a.m. launch time - back from lunch at 1 p.m.
Phase#5 crew finish all the setup full containment begin to prepare everything for removal.(using hand scrapers with 4" blades the floor linoleum comes out in little pieces too hard to remove taking more time consuming). Need to use power tool Grinder with buffer blades to scrape the linoleum from the concrete.
Phase# 6 crew continuing setup the full containment by the end of the day set up 60%.

Visitors to site

Conrad Fischn (WSP)
James valverde (Region 8 environmental)
Alfonso Donzul (Region 8 environmental)

Status at quitting time

Inspections made / Tests performed

Tracking

Daily Bag Count:

Project to date bag count:

Container #:

Bag in Container by date:

Unusual Conditions or Problems & Action Taken



JKS Industries, LLC
747 Sheridan Blvd., Suite 9A
Lakewood, CO 80214

Daily Log

Project Name: Kiewit I-70 East	Project Number: 18-300	Shift Start: 6:30
Day: Tuesday	Date: 02/20/2018	Shift End: 5:00 pm
Supervisor: Miguel Leon (VERIFIED by Miguel Leon - 02/20/2018 07:11 AM)		Project Manager: Jeffrey Knight

Daily Log

6:30 begin with a safety meeting in stretch.

Crew of two guys shovel all the snow.

Due to weather conditions we will shut down phase# 4 and Phase# 6 leave those two areas pending until we have better weather.

7:30 phase# 7 -2 technicians begin to mobilize equipment and materials to set up secondary containment.

Phase#8 crew of 3 technicians have everything ready with materials and equipment to set up full containment.

9:00 two inspectors from Foothills arrived to begin with the visual inspection on face number 2 in face number 3

Suit up with half face respirator to do visual inspection on face number 2 we found some loose debris that we need to vacuum and where do I pay pass inspection at 10:30

11 move to face number 3 to begin and do visual inspection with full heels they found more mastic under one piece of coal base that we need to remove and make sure take off the black Mastic pass visual inspection at 12 noon.

Launch time at 12 back from lunch at 1 p.m. in crew from phase 7 in Phase 8 continuing set up containment

By the end of the day finish setup 80% on each containment clean up the work area throw them away all the trash debris secure the site and quit working at 5 p.m.

Visitors to site

Status at quitting time

Inspections made / Tests performed

Phase#2 Visual inspection and final air clearance..

Phase#3 Visual inspection and final air clearance..

Tracking

Daily Bag Count:

Project to date bag count:

Container #:

Bag in Container by date:

Unusual Conditions or Problems & Action Taken

Very bad weather conditions cold temperatures move crew to continue working down the basement by The Boiler Room.



JKS Industries, LLC
747 Sheridan Blvd., Suite 9A
Lakewood, CO 80214

Daily Log

Project Name: Kiewit I-70 East	Project Number: 18-300	Shift Start: 6:30
Day: Wednesday	Date: 02/21/2018	Shift End: 5:00 pm
Supervisor: Miguel Leon (VERIFIED by Miguel Leon - 02/21/2018 04:46 PM)		Project Manager: Jeffrey Knight

Daily Log

630 crew arrive on time.

Have a safety meeting and discuss the plan of the day.

Crew of 3 technicians continuing setting up phase # 7.

Phase# 8 continuing the setup a full containment finish all the prepping at 9 a.m.

Phase# 4 have everything ready on full containment to remove floor linoleum only two workers and one supervisor.

9:00 am Terry down containment number 2 in containment number 3 in double bag all the plastic have all the equipment ready for the next faces clean up Valeria's with HEPA vacuum, finish all the tear it down and clean up at 12 noon.

Back from lunch at 1pm and continuing doing removal on phase#7 and phase#4.

1pm crew of three guys begin to set up Phase#9 (full containment) and phase#10(secondary containment)

4:30 phase# 4 the removal is complete and final detail ready for final air clearances on Friday.

Face number 7 boiler area finish double bag all of the insulation from the big boiler and finish wrapping all of the pipes to the start cutting pipes tomorrow morning.

Secure the job site close all the doors from the unit quit working at 5 p.m.

Visitors to site

Status at quitting time

Inspections made / Tests performed

Tracking

Daily Bag Count:

30 bags from phase#7

7 bags from phase#4

Project to date bag count:

Container #:

Bag in Container by date:

Unusual Conditions or Problems & Action Taken



JKS Industries, LLC
747 Sheridan Blvd., Suite 9A
Lakewood, CO 80214

Daily Log

Project Name: Kiewit I-70 East	Project Number: 18-300	Shift Start: 6:30
Day: Thursday	Date: 02/22/2018	Shift End: 5:00 pm
Supervisor: Miguel Leon (VERIFIED by Miguel Leon - 02/22/2018 06:08 AM)		Project Manager: Jeffrey Knight

Daily Log

6:30 safety meeting and discuss the task of the day.

Phase#9 one worker begin to set up full containment have everything ready with shower decontamination unit 1 negative air machine and build Waste loadout.

Phase# 7 Crew of 4 worker suited up with 1/2 face and respirator to begin and cut the pipes and remove 6 glove bags.

10:30 bag out approximate 10 bags and 12 pieces of 4 feet long pipes double wrap with 6 mill poly.

Phase#8 crew of 4 workers begin removal inside containment using airless sprayer to minimize dust Under full containment.

Remove the floor tile in single bag the material.

10:00 two workers began to load out all the material using double bag and Generator labels one person outside hauling all the bags to the dumpster.

12 a.m. lunch time back from lunch at 1 p.m.

Crew continuing doing removal on phase# 7 and phase# 8

Phase# 7 finished doing all the load out and cutting all the pipes inside containment area ready for final detail tomorrow morning.

Phase#8 remove all the floor tile area and double bag (floor tile was very hard to remove and takes more time consuming).

Phase # 9 full containment is complete ready to do removal tomorrow.

Clean up each containment to ensure there is no debris left over shower out.secure the area close all the doors and main entrance quit working at 5 p.m.

Visitors to site

Status at quitting time

Inspections made / Tests performed

Tracking

Daily Bag Count:

45

Project to date bag count:

Container #:

Bag in Container by date:

Unusual Conditions or Problems & Action Taken



JKS Industries, LLC
747 Sheridan Blvd., Suite 9A
Lakewood, CO 80214

Daily Log

Project Name: Kiewit I-70 East **Project Number:** 18-300 **Shift Start:** 6:30
Day: Friday **Date:** 02/23/2018 **Shift End:** 5:00 pm
Supervisor: Miguel Leon (VERIFIED by Miguel Leon - 02/23/2018 04:05 PM) **Project Manager:** Jeffrey Knight

Daily Log

6:30 safety meeting.

Crew of four workers suited up with half face respirator to continue cutting the last portion of pipes and load out bags and pipes.

9:30 crew started final detail and wet wipe pipes walls floor and ceilings completed this containment at 1 p.m.

Phase 8 crew of five have all the PPE ready to enter the full containment and begin to remove the mastic with a buffer machine 3 p.m. finished removing all the mastic and began to detail the floor and the edges but the floor has many little wholes that we need to use toothbrushes and scrapers to remove mastic this consumes more time.

Finished this area with final detail and wet wiped the whole containment and vaccumed the floor at 4:45 p.m. crew showered out.

Cleaned up and secured the area quit working at 5 p.m.

Visitors to site

Status at quitting time

Inspections made / Tests performed

Final air clearances on phase #4.

Pass final air clearances at 6 p.m. ready to tear down containment on Monday.

Tracking

Daily Bag Count:

Phase #7-36 bags

Phase #8-20 bags

Project to date bag count:

Container #:

Bag in Container by date:

Unusual Conditions or Problems & Action Taken

Phase #7 and phase #8 has issues with the project design and samples reports needs clarifications from foothills in order to proceed.

Note: these 2 containments ready for final inspection.



JKS Industries, LLC
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Lakewood, CO 80214

Daily Log

Project Name: Kiewit I-70 East **Project Number:** 18-300 **Shift Start:** 6:30
Day: Monday **Date:** 02/26/2018 **Shift End:** 5:00 pm
Supervisor: Miguel Leon (VERIFIED by Miguel Leon - 02/26/2018 04:40 PM) **Project Manager:** Jeffrey Knight

Daily Log

Crew arrived on time have a safety meeting and stretch.

7am the speak about the task of the day -7 workers continuing setup the containment on phase# 6.

Two layers of 4 no on the walls in two layers of 6 mil on the floors, decontamination unit and loadout.

Phase# 9 tree workers suited up with suit and respirator to begin and remove floor linoleum Under full containment.

9:30Load out asbestos material from phase#9.

11:00 finish all the removal in waste Loadout begin to wet wipe containment and HEPA vacuum the floors.

12:00 finish all the removal and final detail area ready for finals visual and air clearances tomorrow on Phase#9 and crew from phase 6 finish setup the containment approximately 65%.

12 lunch time back from lunch at 1 p.m.

Continue doing setup on phase# 6 and three workers begin to remove Cove base on face number 10.

By the end of the day finish all the removal on phase# 10 and setup on the phase# 6- 90% complete.

Clean up the work area and secured the site quit working at 5 p.m.

Visitors to site

Status at quitting time

Inspections made / Tests performed

Tracking

Daily Bag Count:

8 from phase#9

Project to date bag count:

Container #:

Bag in Container by date:

Unusual Conditions or Problems & Action Taken



JKS Industries, LLC
747 Sheridan Blvd., Suite 9A
Lakewood, CO 80214

Daily Log

Project Name: Kiewit I-70 East **Project Number:** 18-300 **Shift Start:**
Day: Tuesday **Date:** 02/27/2018 **Shift End:**
Supervisor: Miguel Leon (VERIFIED by Miguel Leon - 02/27/2018 04:24 PM) **Project Manager:** Jeffrey Knight

Daily Log

6:30 Safety meetings.
6:15 stretching.
6:05 Plan of the day, removal on phase#6 and extend containment on phase #8 to remove floor linoleum and black mastic.
4 workers on phase#8.
6 workers on phase#6.
9:00 foothills began to do visual inspection on phase#9 and one unit on phase #10 and one unit on phase #10. 9:30 pass inspection and started air clearance.
10:am finish the set up on phase#8 crew began to remove floor linoleum..
Phase#6 crew inside containment doing removal on the ceilings and set up a 6 mil critical on 2 different locations (room# 121and room#122) finish and reach negative so pressure at 1pm.
Back from lunch crew continued doing removal .
3:00 containment pass final air clearance began to tear down containment(phase#9 and one unit on phase#10)
4:00 loud out bags from phase#8 and teardown the plastic walls and floors inside containment and dowble bag, clean out equipment -wet wipe containment and hepa vacuum the floor finish all final detail by 5pm,
Crew from phase#6 finish 80%on the drywall demolition and single bag.
Clean up job site and secure the area.
Quit working at 5:00 pm

Visitors to site

Status at quitting time

Inspections made / Tests performed

Phase#9
Phase#10 (one unit)

Tracking

Daily Bag Count:
13 bags from phase#8

Project to date bag count:

Container #:

Bag in Container by date:

Unusual Conditions or Problems & Action Taken



JKS Industries, LLC
747 Sheridan Blvd., Suite 9A
Lakewood, CO 80214

Daily Log

Project Name: Kiewit I-70 East **Project Number:** 18-300 **Shift Start:** 6:30
Day: Wednesday **Date:** 02/28/2018 **Shift End:** 5:00 pm
Supervisor: Miguel Leon (VERIFIED by Miguel Leon - 02/28/2018 05:05 PM) **Project Manager:** Jeffrey Knight

Daily Log

6:30 Safety meetings.
6:15 Stretching.
7:00 Task of the day.
Phase #7 Crew of 3 workers mobilize material to set up secondary containment around the boiler.
Phase#6 crew of 7 workers suited up to continued doing removal.
10:00 phase #6 bag double bag and bag out by 11:40 150 bag in to the asbestos dumpster.
One dumpster of 40 yards already full, call for another dumpster and arrived at 1pm have 2 40 yards close top on site need waste manifest.
Crew from phase#7 finish all the set up.
12:00 lunch time.
1:pm back from lunch.
Phase #7 crew began to cut all the pipes from the boiler and clean the pipes with the airless sprayer, wet wipe treated as a regular trash.
3:00 phase #6 continuing doing demolition inside full containment have areas with concrete makes more difficult to remove and takes more time consume three more workers continuing single bag the material.
4:00 phase #6 crew started doing double bag. The demolition inside containment 90% complete by 5pm.
Crew on phase#7 need to dismantle the boiler piece by piece to reach all the gasket Clean the metal plates by hand using scraper finish 3 sections by 4:45.
Clean up inside containment.
Secure the area and quit working by 5 p.m.

Visitors to site

Status at quitting time

Inspections made / Tests performed

Tracking

Daily Bag Count:
210 from phase #6
8 from phase #7

Project to date bag count:

Container #:

Asbestos container #1 ready for disposal waiting for waste manifest.

Bag in Container by date:

Unusual Conditions or Problems & Action Taken



JKS Industries, LLC
747 Sheridan Blvd., Suite 9A
Lakewood, CO 80214

Daily Log

Project Name: Kiewit I-70 East	Project Number: 18-300	Shift Start: 6:30
Day: Thursday	Date: 03/01/2018	Shift End: 5:00 pm
Supervisor: Miguel Leon (VERIFIED by Miguel Leon - 03/01/2018 05:11 PM)		Project Manager: Jeffrey Knight

Daily Log

630 crew arrived on time and began a safety meeting.

Phase#6 crew of 6 workers suited up to continued doing removal and load out bags.

Phase#7 had 3 workers with suit and respirator continued to scrape the gasket on the boiler.

2 worker outside of the containment took the bags to the dumpster.

10:00 am phase#6 finished double bagging we began to tear down the plastic inside the containment from the walls and the floor and double bag all the plastic.

Phase#7 finished detailing 4 metal plates

12 a.m. launch time.

Back from lunch at 1 pm.

Phase#6 crew back and continued working in containment on the final detail using a hepa vacuum and wet wipe all the floors and ceilings by 4:45 we finished the final detail 80%.

Phase#7 only has 2 metal plates left to detail.

Crew shower out then clean up the job site and secure every door on site and stop working at 5:pm

Visitors to site

Status at quitting time

Inspections made / Tests performed

Tracking

Daily Bag Count:

320 from phase#6

10 from phase#7

Project to date bag count:

Container #:

Bag in Container by date:

Unusual Conditions or Problems & Action Taken



JKS Industries, LLC
747 Sheridan Blvd., Suite 9A
Lakewood, CO 80214

Daily Log

Project Name: Kiewit I-70 East **Project Number:** 18-300 **Shift Start:** 6:30
Day: Friday **Date:** 03/02/2018 **Shift End:** 6:30
Supervisor: Miguel Leon (**VERIFIED** by Miguel Leon - 03/02/2018 10:17 PM) **Project Manager:** Jeffrey Knight

Daily Log

6:30 Safety meetings.
6:45 Stretching
7:00 task of the day.
Phase#11 crew of 5 workers began to mobilize with equipment and materials to set up full containment
Phase#6 Final detail 3 workers inside containment
Phase#7 Final detail the last 3 metal plates.
Wet wipe walls and floors and hepa vacuum.
Loud out .
11:00 waste manifest ready 1 dumpster with asbestos waste 38 yards.
12:00 lunch
1:00 crews back to containments and continued working.
4:30 finished all the clean up and final detail on phase#6 area ready for final inspection.
Phase#7 finished all the final detail ready for inspection.
Phase#11 set up containment 20%.
Have a brief safety meeting and sign documents, clean the job site and secure the area.
Quit working at 5:00pm.

Visitors to site

Status at quitting time

Inspections made / Tests performed

Tracking

Daily Bag Count:

30 from phase#6
13 from phase#7

Project to date bag count:

Container #:

Dumpster with asbestos waste#1-1 manifest and disposal.

Bag in Container by date:

Unusual Conditions or Problems & Action Taken



JKS Industries, LLC
747 Sheridan Blvd., Suite 9A
Lakewood, CO 80214

Daily Log

Project Name: Kiewit I-70 East **Project Number:** 18-300 **Shift Start:** 6:30
Day: Saturday **Date:** 03/03/2018 **Shift End:** 3:00
Supervisor: Miguel Leon (VERIFIED by Miguel Leon - 03/03/2018 03:22 PM) **Project Manager:** Jeffrey Knight

Daily Log

6:30 Safety meetings.

6:45 Stretched.

7:00 Task of the day;

Phase#11 Build full containment.

Phase#10 Remove cove base from units(#215,#217,#228,#243,#241)

12:00 finished 3 units removed cove base and did the waste loadout then final detail and hepa vacuum these containments are ready for final inspection.

12:00 lunch time.

1:00 back from lunch.

1:00 continued doing set up on phase#11 and crew of three guys continued doing the cove base removal under secondary containments.

2:45 finished removal on the last 2 units final detail and hepa vacuum then wet wiped the area. cleaned up the work area picked up all the electrical tools then took them to the storage unit then secured the area

3:00 quit working

Visitors to site

Status at quitting time

Inspections made / Tests performed

Tracking

Daily Bag Count:

32 bags from Phase#10

Project to date bag count:

Container #:

Bag in Container by date:

Unusual Conditions or Problems & Action Taken



JKS Industries, LLC
747 Sheridan Blvd., Suite 9A
Lakewood, CO 80214

Daily Log

Project Name: Kiewit I-70 East **Project Number:** 18-300 **Shift Start:** 6:30
Day: Monday **Date:** 03/05/2018 **Shift End:** 5:00 pm
Supervisor: Miguel Leon (VERIFIED by Miguel Leon - 03/05/2018 06:09 AM) **Project Manager:** Jeffrey Knight

Daily Log

6:30 Safety meetings and stretched.

7:00 Plan of the day.

Three workers suited up with 1/2 face respirators in phase#12 to begin and remove windows -component removal on the west side of the building.

Phase#11 crew of seven workers continued setting up the full containment.

9:00 am Nick and his crew begin to perform the final inspection on phase# 8.

9:20 passed final inspection and began to run air clearance.

9:30 crew of two workers began to do the final inspection at the Boiler Room Nick from Foothills doesn't want the boiler plates in containment his request is to remove those metal plates out of the containment and dispose of them as asbestos material, Francisco and Micaela they stayed in containment to break those metal plates and double bag them.

Perform 3 final visuals and final air clearances on three containments(#215-#217-#218)

10:am phase #6 three workers inside containment waited for Nick from Foothills to start the final inspection.

10:20 after Nick finish the inspection we found another piece of drywall that needs to be removed, crew in containment is doing removal.12:00 lunch time 1 p.m. back from lunch and crew continuing working on face number 11 and face number 12 also face number 6 Carlos and Marty sre continuing to do final clean on phase #6.

2pm inspector from Foothills begin to do final inspection on phase#6 right after pass final inspection begin to do encapsulation on the entire containment and then let it dry for 20 minutes.

3:30 begin to run final air clearances on phase# 6.

4:45 crew from phase#12 finish removing 12 Windows and individually wrapped each window with 6 mil plastic with asbestos and class 9 stickers and then took every window to the asbestos dumpster.

Phase# 11 90% complete on the full containment set up.

Phase#7 boiler area finish all the metal plates and dispose every bag to the dumpster, tomorrow we do final detail. Clean up and secure the area quit working at 5 p.m.

Visitors to site

Status at quitting time

Inspections made / Tests performed

Tracking

Daily Bag Count:

Phase#7- 130

Phase#6- 20

Project to date bag count:

Container #:

Bag in Container by date:

Unusual Conditions or Problems & Action Taken



JKS Industries, LLC
747 Sheridan Blvd., Suite 9A
Lakewood, CO 80214

Daily Log

Project Name: Kiewit I-70 East	Project Number: 18-300	Shift Start: 6:30
Day: Tuesday	Date: 03/06/2018	Shift End: 5:00 pm
Supervisor: Miguel Leon (VERIFIED by Miguel Leon - 03/07/2018 05:05 AM)		Project Manager: Jeffrey Knight

Daily Log

6:30 Safety meetings.
7:00 Phase# 11 Continued set up full containment.and remove Windows.
8:00 pass air clearance on phase#6, Phase#8, phase#10 and teardown all of the containmens.
11:45 demobilize equipment and from this containments.
12:00 phase#11 Full containment complete set up.
Lunch.
1:pm crew of 8 workers began to do removal on phase#11.
Phase #12-3 workers continued doing detail on the windows.
Pull out and return 1 dumpster(#2) with 38 yards of friable asbestos material.
Crew from phase#12 finished the west side first floor.
Phase#11 complete40% on the demolition.
Secure the work area an quit working at 5:pm.

Visitors to site

Status at quitting time

Inspections made / Tests performed

Tracking

Daily Bag Count:

35 plastic from all of the containmens teardown.

Project to date bag count:

Container #:

#2 with 38 yards,

Bag in Container by date:

Unusual Conditions or Problems & Action Taken

JKS INDUSTRIES

JKS Industries, LLC
747 Sheridan Blvd., Suite 9A
Lakewood, CO 80214

Daily Log

Project Name: Kiewit I-70 East **Project Number:** 18-300 **Shift Start:** 6:30
Day: Wednesday **Date:** 03/07/2018 **Shift End:** 5:00 pm
Supervisor: Miguel Leon (VERIFIED by Miguel Leon - 03/07/2018 04:31 PM) **Project Manager:** Jeffrey Knight

Daily Log

6:30 Safety meetings.
6:15 Task of the day.
Phase#11 Remove drywall and plaster.
Phase#12 Remove windows and detail.
7:00 crew of 7 workers suited up with respirator to continued doing removal and loud out asbestos bags.
Phase#12- 3 workers doing detail on the windows penetrations.
8:30 Inspection on phase#7 boiler area, 9:00pass inspection and began to run air clearance.
Cew from phase#11 began to loud out bags and 1 worker out side loud in bags to the dumpster 450 bags in the dumpster.
12:00 Lunch time.
1 p.m. back from lunch.
Crew from phase# 11 continuing doing demolition inside containment in final detail.
3pm pass final air clearance on phase#7 crew of three workers begin to tear it down containment one layer of 6 mil criticals 1negative air machine and double bag the plastic to dispose as asbestos waste.
4:30 complete with all the teardown on phase#7.
Phase#11 finished all the demolition and all we have to do is final detail and Loadout bags for tomorrow.
Secure the area in clean out.
Quit working at 5 p.m.

Visitors to site

Status at quitting time

Inspections made / Tests performed

Phase#7

Tracking

Daily Bag Count:

Phase#1. 450 bgs

Project to date bag count:

Container #:

Bag in Container by date:

Unusual Conditions or Problems & Action Taken

JKS INDUSTRIES

JKS Industries, LLC
747 Sheridan Blvd., Suite 9A
Lakewood, CO 80214

Daily Log

Project Name: Kiewit I-70 East **Project Number:** 18-300 **Shift Start:** 6:30
Day: Thursday **Date:** 03/08/2018 **Shift End:** 5:00 pm
Supervisor: Miguel Leon (VERIFIED by Miguel Leon - 03/08/2018 09:08 PM) **Project Manager:** Jeffrey Knight

Daily Log

6:30 safety meeting.

6:45 Task of the day.

7:00 Phase#11 crew of 9 workers suited up with full face respirator and are starting to do demolition and final detail.

Phase#12 - 4 workers have all the equipment and materials to set up the area on units 217-218- we are beginning to remove the Windows and are double wrapping every window with 6 mil poly and are taking the waste to the dumpste

Phase#11 finishing all the demolition and are loading out 200 bags of asbestos material and are taking those down to the friable dumpster.

11:00 finish loading out every bag and the crew are beginin to do final detail and HEPA vacuum.

12 a.m. launch time and back from lunch at 1 p.m..

Crew arrived from lunch and are continuing to work on phase#11 and 12.

3:00 phase# 12 finish 13 windows and are seting up another area.

Phase#11crew is beganin to teardown walls and floors inside containment.

4:30 finish tearing down all the plastic inside containment and are beginning to load out bags and finishing with a total of 60 bags. Phase#12 finished detailing 16 windows. 4:50 clean up the job site and storing all the equipment and materials in the storage unit. begin to secure the area quit working at 5:00

Visitors to site

Status at quitting time

Inspections made / Tests performed

Tracking

Daily Bag Count:

210 from phase#11

16 windows

Project to date bag count:

Container #:

Bag in Container by date:

Unusual Conditions or Problems & Action Taken



JKS Industries, LLC
747 Sheridan Blvd., Suite 9A
Lakewood, CO 80214

Daily Log

Project Name: Kiewit I-70 East **Project Number:** 18-300 **Shift Start:** 6:30
Day: Friday **Date:** 03/09/2018 **Shift End:** 3:00
Supervisor: Miguel Leon (**VERIFIED** by Miguel Leon - 03/11/2018 07:13 PM) **Project Manager:** Jeffrey Knight

Daily Log

Safety meetings.

Crew of 10 workers arrived on time and continued doing final clean on phase#11.

3 workers began to remove Windows on the second floor units 100s.

10:30 loud out asbestos bags total of 32 inside the dumpster.

Phase #11 crew finished the last 3 rooms.

12 Lunch time,

1pm Back from lunch and crew suited up to continued working.

1:30 A dumpster was changed with 38 yards asbestos waste and manifest.

2:45 phase#11 finished all the final detail and clean out all of the equipment.

Crew from phase#12 remove 13 window and wrap each windows with 2 layers of 6 mill plastic.

Secure the area and quit working at 3:00 pm.

Visitors to site

Status at quitting time

Inspections made / Tests performed

Tracking

Daily Bag Count:

Project to date bag count:

Container #:

Dumpster# 3 with 38 yard Asbestos friable material.

Bag in Container by date:

Unusual Conditions or Problems & Action Taken

JKS INDUSTRIES

JKS Industries, LLC
747 Sheridan Blvd., Suite 9A
Lakewood, CO 80214

Daily Log

Project Name: Kiewit I-70 East **Project Number:** 18-300 **Shift Start:** 7:am
Day: Tuesday **Date:** 03/13/2018 **Shift End:** 3:30
Supervisor: Miguel Leon (**VERIFIED** by Miguel Leon - 03/13/2018 09:17 PM) **Project Manager:** Jeffrey Knight

Daily Log

7:00 we had a safety meeting and stretched for the day.

Phase #11 paseed the final air clearance we then began to tear down all the containment.

Phase #12 continued doing final detail on window opening also scraped all the calking with hand scrapers and then used hepa vaccum.

11:30 finished tearing down containment then organized all the equipment and materials in one storage unit.

12:00 lunch time

1:00 back from lunch crew then began to set up the area on the second floor to remove windows

2:00 finished detailing all the windows on the one hundreth building at the end of day we removed a total of 8 windows in the two hundreth building then took all the waste to the dumpster then secured the area and locked the 2 main gates.

3:30 quit working

Visitors to site

Status at quitting time

Inspections made / Tests performed

Tracking

Daily Bag Count:

53 bags from phase#11

8 window s

Project to date bag count:

Container #:

Bag in Container by date:

Unusual Conditions or Problems & Action Taken

JKS INDUSTRIES

JKS Industries, LLC
747 Sheridan Blvd., Suite 9A
Lakewood, CO 80214

Daily Log

Project Name: Kiewit I-70 East **Project Number:** 18-300 **Shift Start:** 7:am
Day: Wednesday **Date:** 03/14/2018 **Shift End:** 3:30
Supervisor: Miguel Leon (VERIFIED by Miguel Leon - 03/14/2018 07:24 PM) **Project Manager:** Jeffrey Knight

Daily Log

7:00 we had a safety meeting we stretched for the day crew then continued working on the second floor in the 200th unit, we then barricaded the area and put one layer of 6 mill drop polly and one layer of 6 mill critical on each side from the outside onpening.

2 workers began to set up the area were they are going to remove the windows in the main office Nick from Foothills enviromental passed the visual inspection on the first and second floor from the 100th unit and also began run the final air clearance on the containment from the second floor unit with cove base phase#10.

11:00 the driver pulled out a 30 yard dumpster and switched with an empty dumpster and dropped it off at the garage area

1:30 we began to set up the area for the erosion control with rock socks and passed the visual inspection with the safety inspectors.

3:00 crew finished removing all the windows from the 200th unit on the second floor and also completed 50% of the final detail and completed removing 4 windows we then put all the waste from the day in the dumpster began to do house keeping secured the area.

3:30 quit working

Visitors to site

Status at quitting time

Inspections made / Tests performed

Containment from phase#10 fail air clearance need to wet wipe and hepa vacuumed one more time to do another clearance.

Tracking

Daily Bag Count:

Project to date bag count:

Container #:

Trash 30 yards dumpster #10

Bag in Container by date:

37 from phase#12

Unusual Conditions or Problems & Action Taken



JKS Industries, LLC
747 Sheridan Blvd., Suite 9A
Lakewood, CO 80214

Daily Log

Project Name: Kiewit I-70 East **Project Number:** 18-300 **Shift Start:** 7:am
Day: Thursday **Date:** 03/15/2018 **Shift End:** 3:30
Supervisor: Miguel Leon (**VERIFIED** by Miguel Leon - 03/15/2018 10:47 PM) **Project Manager:** Jeffrey Knight

Daily Log

7:00 Safety meetings.
7:15 Started doing our worm ups for the day.
Started preping the window area on the south side main office with asbestos warning tape and 6 mill drop poly on the floor.
Two workers prepping the basement on the north buildings to began and remove Windows.
Driver arrived and sing the manifest to disposal 38 yards of asbestos material.
10:00 Inspector began to run for the second time air clearance on phase#10 second floor.
11:00 Cover the hole on the south side area with plywood and 2x4.
3:15 Finished removal all the windows from the main office and south basement.
Wrap all of the windows with 2 layers of 6 mill poly.
Secure the area.
Clean up the work area.
Quit working at 3:30.

Visitors to site

Status at quitting time

Inspections made / Tests performed

Tracking

Daily Bag Count:

29 windows.

Project to date bag count:

Container #:

38 yards dumpster#4.

Bag in Container by date:

Unusual Conditions or Problems & Action Taken

JKS INDUSTRIES

JKS Industries, LLC
747 Sheridan Blvd., Suite 9A
Lakewood, CO 80214

Daily Log

Project Name: Kiewit I-70 East **Project Number:** 18-300 **Shift Start:** 7:am
Day: Sunday **Date:** 03/18/2018 **Shift End:** 3:30
Supervisor: Miguel Leon (**VERIFIED** by Miguel Leon - 03/18/2018 07:34 PM) **Project Manager:** Jeffrey Knight

Daily Log

7:00 Safety meeting then we stretched for the day task of the day was to finish detailing all of the windows from the main office.
8:30 we passed the air clearance on the last containment on phase #10 we then began to tear it down.
9:00 we set up the area to then remove the roof material in the main office and we then filled out the hazard analacys and then we had a safety meeting.We then put on the fall protection equipment.We then began to remove the roofing material all around the chimney and on the north west corner of the roof we finished removing all the roofing material by 12
12:00 lunch time
1:00 back from lunch.The inspector from foothills then arrived and started to do the final visual inspection on all the remaining windows.
1:30 Paul from the office arrived to demobalized all the equipment by 3:15 we then passed all the visual inspection for all of the windows including the roofing area.By passing the visual inspection we have now completed the job

Visitors to site

Status at quitting time

Inspections made / Tests performed

Tracking

Daily Bag Count:
24 from Phase#12

Project to date bag count:

Container #:

Bag in Container by date:

Unusual Conditions or Problems & Action Taken



JKS Industries, LLC
747 Sheridan Blvd., Suite 9A
Lakewood, CO 80214

Daily Log

Project Name: Kiewit I-70 East **Project Number:** 18-300 **Shift Start:** 9:30
Day: Monday **Date:** 03/19/2018 **Shift End:**
Supervisor: Miguel Leon (**VERIFIED** by Miguel Leon - 03/19/2018 05:58 PM) **Project Manager:** Jeffrey Knight

Daily Log

9:30 Arrive on the job site and have site walk with Nick from Foothills and sign the demo permit.

10:30 arrived at the office and turn in all the paperwork and time card.

11:30 Drive back to the job site and open the storage unit to demobilize equipment.

Quit working at 2:30.

Visitors to site

Status at quitting time

Inspections made / Tests performed

Tracking

Daily Bag Count:

Project to date bag count:

Container #:

Bag in Container by date:

Unusual Conditions or Problems & Action Taken



JKS Industries, LLC
747 Sheridan Blvd., Suite 9A
Lakewood, CO 80214

Daily Log

Project Name: Kiewit I-70 East **Project Number:** 18-300 **Shift Start:** 11:00
Day: Tuesday **Date:** 03/20/2018 **Shift End:** 5:30
Supervisor: Miguel Leon (**VERIFIED** by Miguel Leon - 03/20/2018 12:56 PM) **Project Manager:** Jeffrey Knight

Daily Log

11:00 sing of for the two dumpsters 40 yards asbestos waste and 30 yards regular trash.

1:00 office paperwork with Jeff and Steve.

2:00 Final inspection with the state health department and futhills.

Finish the inspection at 5:30.

Visitors to site

Status at quitting time

Inspections made / Tests performed

Tracking

Daily Bag Count:

Project to date bag count:

Container #:

Asbestos dumpster#5 non friable with 10 yards.

Bag in Container by date:

Unusual Conditions or Problems & Action Taken



JKS Industries, LLC
747 Sheridan Blvd., Suite 9A
Lakewood, CO 80214

Daily Log

Project Name: Kiewit I-70 East **Project Number:** 18-300 **Shift Start:**
Day: Wednesday **Date:** 03/21/2018 **Shift End:**
Supervisor: Carlos Luch (VERIFIED by Carlos Luch - 03/21/2018 06:19 PM) **Project Manager:** Jeffrey Knight

Daily Log

7:00 am begin work on sinks removal. 9:00 work on exits signs removal 9:00 work on set up full containment on room 211. 12:00 stop work for lunch. 12:30. Work on linoleum removal 15:30 continue Working on linoleum removal 16:30 work on detail and final clean. 18:00 finish and off site

Visitors to site

Status at quitting time

Inspections made / Tests performed

Tracking

Daily Bag Count:

Project to date bag count:

Container #:

Bag in Container by date:

Unusual Conditions or Problems & Action Taken



JKS Industries, LLC
747 Sheridan Blvd., Suite 9A
Lakewood, CO 80214

Daily Log

Project Name: Kiewit I-70 East **Project Number:** 18-300 **Shift Start:** 7:00 a.m.
Day: Saturday **Date:** 03/24/2018 **Shift End:** 4:00
Supervisor: Andre Williams (**VERIFIED** by Andre Williams - 03/24/2018 03:03 PM) **Project Manager:** Jeffrey Knight

Daily Log

7:00

Have a safety meeting and go over job task

Prep work site before demolishing sheds on the north side of the north building:

Remove fencing

Prep water truck

Prep work area

8:15

Begin demolition on two bay garage

9:00

Start loading the first truck

9:30

Second truck being loaded

10:45

Third truck being loaded

11:15

Continue demolishing two-bay garage and shed next to it

11:50

Begin loading the fourth truck

12:25

All debris from shed and garage has been processed and trucked out

Now begin processing concrete slabs associated with garage and sheds

1:00

Loading out fifth truck. With processed concrete slabs

1:45

25 minute lunch break

2:30

Begin loading out the 6th and final truck

Of the day

3:00

Move equipment and water truck over to the main North building and position. Equipment for demolition starting from the East end of the building

4:00

40% of the top two floors of the East End Of the building has been demolished and process

End of the day

Visitors to site

Status at quitting time

40% of the North End building top two levels have been demolished in process demolition crew is still on site doing demolition of North building

Inspections made / Tests performed

Tracking

Daily Bag Count:

Project to date bag count:

Container #:

Bag in Container by date:

Unusual Conditions or Problems & Action Taken

12. Visitor Sign in Sheets

JKS Industries

Visitor Sign in Sheet

Project: AP-66

Date: ~~03-03-18~~

Ref #	Date	Visitor Name	Organization	Phone Number	Time In	Time Out	Kiewit Safety Training (Y/N)	Confirmed
1	3/13	Philip Stone	Freund Plumbing	303-361-9100	8:30			
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								

JKS Industries

Visitor Sign in Sheet

Project: AP-66

Date: 02-28-18

Ref #	Date	Visitor Name	Organization	Phone Number	Time In	Time Out	Kiewit Safety Training (Y/N)	Confirmed
1	02/28/18	Cameron Potter	Umg Laboratories	720-225-8881	11:11	11:38	Y	
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								

JKS Industries

Visitor Sign in Sheet

Project: AP-66

Date: 02-22-18

Ref #	Date	Visitor Name	Organization	Phone Number	Time In	Time Out	Kiewit Safety Training (Y/N)	Confirmed
1		Elizabeth Basteau	Kiewit I&C	720 955 5741	10:00	10:30		
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								

JKS Industries

Visitor Sign in Sheet

Project: AP-66

Date: 02-20-18

Ref #	Date	Visitor Name	Organization	Phone Number	Time In	Time Out	Kiewit Safety Training (Y/N)	Confirmed
1	2-20	Dylan Hescr	Foothills Environmental		0920			
2	2/20	NIC VASQUEZ	FOOTHILLS ENVIRO.		0920			
3	2/20	Ricardo Echeburu	FFS	3035480191	1055	13:17		
4	2/20	Michael Slotnick	Attorney at Law	7203983720	11:00	13:17		
5								
6								
7								
8								
9								
10								
11								
12								
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14								
15								
16								

JKS Industries

Visitor Sign in Sheet

Project: AP-66

Date: 02-19-18

Ref #	Date	Visitor Name	Organization	Phone Number	Time In	Time Out	Kiewit Safety Training (Y/N)	Confirmed
1	2/19	CONRAD FISCHER	WSP	303-3905910	09:00	09:30	Yes	
2	2/19	James Valverde	Region 8 Enviro	303-424-4807	10:36 AM		A	
3	2/19	Alonso Donzel	Region 8 Enviro	303-424-4807	10:36 AM			
4								
5								
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16								

JKS Industries

Visitor Sign in Sheet

Project: AP-66

Date: _____

Ref #	Date	Visitor Name	Organization	Phone Number	Time In	Time Out	Kiewit Safety Training (Y/N)	Confirmed
1	2/17	Tony Pollack	Stanley Consultants	303-726-8776	8:50	10:00	.	
2								
3								
4								
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7								
8								
9								
10								
11								
12								
13								
14								
15								
16								

JKS Industries

Visitor Sign in Sheet

Project: AP-66

Date: 02-21-18

Ref #	Date	Visitor Name	Organization	Phone Number	Time In	Time Out	Kiewit Safety Training (Y/N)	Confirmed
1	02-21-18	Elizabeth Barteau	Kiewit IQC	7209555241	2:00	2:30	Y	
2								
3								
4								
5								
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7								
8								
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10								
11								
12								
13								
14								
15								
16								